Canadian Intellectual Property Office
An Agency of Industry Canada

Office de la propriété intellectuelle du Canada
Un organisme d'Industrie Canada

ISSN-1712-4034

The Patent Office Record

La Gazette du Bureau des brevets

Vol. 146 No. 37 September 11, 2018 Vol. 146 No. 37 le 11 septembre 2018

Canada

CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 2, 2018

1. Transmittal Fee (Rule 14)	**$300**
2. International Filing Fee	**$1708***
For each additional sheet over 30	**$19**
3. International Search Fee	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 2 janvier 2018

1. Taxe de transmission (Règle 14)	**300 $**
2. Taxe de dépôt internationale	**1708 $***
Pour chaque feuille au delà de 30	**19 $**
3. Taxe de recherche internationale	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. **Handling fee** (Rule 57.2(*a*))	**$257**
6. Preliminary examination fee (Rule 58)	**$800**

* International fees will be reduced by:

- **$257** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$385** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. **Taxe de traitement** (Règle 57.2*a*))	**257 $**
6. Taxe d'examen préliminaire (Règle 58)	**800 $**

* Les frais seront réduits de:

- **257 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **385 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept at the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

Therefore, commencing immediately the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
7. Procedures when CIPO is open for business but clients are unable to communicate with the Office
8. Intellectual property acts, rules and regulations

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

14. Procédures de correspondance

le 20 juin, 2017

1. Livraison en personne de correspondance à l'OPIC
2. Correspondance électronique
3. Précisions concernant les formats électroniques acceptés
4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture
8. Lois, règles et règlements sur la propriété intellectuelle

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

établissements ou des bureaux désignés auquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé[MC] et Xpresspost[MC] de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and
- ordering copies in paper, or electronic form of a document.

des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of of .al business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
    - First Monday in August (British Columbia Day)
    - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
    - March 17 (St. Patrick's Day)
    - April 23 (St. George's Day)
    - June 24 (Discovery Day)
    - July 12 (Orangemen's Day)
    - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
    - Third Monday in February (Ontario Family Day)
    - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
    - premier lundi d'août (Fête de la Colombie-Britannique)
    - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
    - 17 mars (Fête de la Saint-Patrick)
    - 23 avril (Fête de la Saint-Georges)
    - 24 juin (Journée de la Découverte)
    - 12 juillet (Jour des Orangistes)
    - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
    - troisième lundi de février (Jour de la Famille de l'Ontario)
    - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC, par Xpresspost^MC ou par voie électronique en utilsant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

NOTICE REGARDING UNEXPECTED CLOSURES OF THE OFFICE

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers all time limits to be extended until the next day that it is open for business.

On May 8, 2017 and May 9, 2017, CIPO was closed for business due to extraordinary circumstances.

For information regarding a previous business closure, please contact the Client Service Centre or consult CIPO's website.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

AVIS CONCERNANT UNE FERMETURE INATTENDUE DU BUREAU

Lorsque l'OPIC est fermé, notamment en raison de circonstances exceptionnelles, l'OPIC considère que toutes les échéances sont prorogées jusqu'au jour de réouverture du bureau.

Les 8 et 9 mai 2017, l'OPIC était fermé au public en raison de circonstances exceptionnelles.

Pour obtenir des renseignements concernant une fermeture antérieure de nos bureaux, veuillez communiquer avec le centre de service à la clientèle ou consulter le site Web de l'OPIC.

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of September 11, 2018 contains applications open to public inspection from August 26, 2018 to September 1, 2018.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 11 septembre 2018 contient les demandes disponibles au public pour consultation pour la période du 26 août 2018 au 1 septembre 2018.

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[54] **ZIRCONIUM AND YTTRIUM OXIDE-BASED COMPOSITION, METHOD FOR PREPARING SAME AND USE THEREOF IN A CATALYST SYSTEM**
[54] **COMPOSITION A BASE D'OXYDES DE ZIRCONIUM ET D'YTTRIUM, PROCEDE DE PREPARATION ET UTILISATION DANS UN SYSTEME CATALYTIQUE**
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[54] **METHOD OF SCREENING CANDIDATE COMPOUNDS FOR SUSCEPTIBILITY TO BILIARY EXCRETION**
[54] **PROCEDE DE CRIBLAGE DE COMPOSES CANDIDATS PERMETTANT DE DECELER UNE SUSCEPTIBILITE A L'EXCRETION BILIAIRE**
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[54] **METHODE D'EXPANSION DE CELLULES T REGULATRICES EXPRIMANT CD4+ CD25**
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[54] **TREATING CANCER WITH ELECTRIC FIELDS THAT ARE GUIDED TO DESIRED LOCATIONS WITHIN A BODY**
[54] **TRAITEMENT DU CANCER A L'AIDE DE CHAMPS ELECTRIQUES GUIDES VERS DES EMPLACEMENTS DESIRES DU CORPS**
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[54] **METHOD AND APPARATUS FOR MONITORING THE ROTATIONAL SPEED OF THE SHAFT OF A GAS TURBINE**
[54] **METHODE ET DISPOSITIF POUR SURVEILLER LA VITESSE DE ROTATION DE L'ARBRE D'UNE TURBINE A GAZ**
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[54] **USE OF THE ORNITHINE TRANSCARBAMYLASE (OTC), AS A MARKER FOR DIAGNOSING A BRAIN ALTERATION INCLUDING ALZHEIMER'S DISEASE OR NON-ALZHEIMER'S DEMENTIA**
[54] **UTILISATION D'ORNITHINE TRANSCARBAMYLASE (OTC) COMME MARQUEUR DE DIAGNOSTIC D'UNE MODIFICATION AU CERVEAU, Y COMPRIS LA MALADIE D'ALZHEIMER OU LA DEMENCE NON LIEE A L'ALZHEIMER**
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[54] **APPARATUS AND METHOD FOR FORMING A HOMOGENOUS TRANSACTION DATA STORE FROM HETEROGENEOUS SOURCES**
[54] **DISPOSITIF ET METHODE DE CONSTITUTION D'UNE MEMOIRE HOMOGENE DE DONNEES DE TRANSACTIONS A PARTIR DE SOURCES HETEROGENES**
[72] PAREEK, ALOK, US
[72] FISH, ERIC IAN, US
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[54] **APPARATUS AND METHOD FOR MEASURING WATER QUALITY IN A WATER DISTRIBUTION SYSTEM**
[54] **APPAREIL ET PROCEDE POUR MESURER LA QUALITE DE L'EAU DANS UN SYSTEME DE DISTRIBUTION D'EAU**
[72] MEEUSEN, RICHARD A., US
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[54] **METHOD FOR EXPRESSION OF SMALL ANTIVIRAL RNA MOLECULES WITH REDUCED CYTOTOXICITY WITHIN A CELL**
[54] **PROCEDE D'EXPRESSION DE PETITES MOLECULES D'ARN ANTIVIRAL A CYTOTOXICITE REDUITE DANS UNE CELLULE**
[72] LOIS-CABALLE, CARLOS, US
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[54] **PRETRAITEMENT DE BIOMASSE**
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[54] **PROCEDE DE PURIFICATION PREPARATIVE DE FURINE HUMAINE**
[72] MATTHIESSEN, PETER, AT
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[54] **SYSTEM FOR MANAGING ONLINE TRANSACTIONS INVOLVING VOICE TALENT**
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[54] **SYSTEM AND METHOD FOR ANALYZING UNAUTHORIZED INTRUSION INTO A COMPUTER NETWORK**
[54] **SYSTEME ET PROCEDE D'ANALYSE D'INTRUSION ABUSIVE DANS UN RESEAU INFORMATIQUE**
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[25] EN
[54] **MICROBUBBLE THERAPY METHOD AND GENERATING APPARATUS**
[54] **METHODE THERAPEUTIQUE A MICROBULLES ET GENERATEUR ASSOCIE**
[72] CUNNINGHAM, JEFFREY L., US
[72] JACKSON, ERIC EUGENE, US
[72] JACUZZI, REMO C., US
[73] JASON INTERNATIONAL, INC., US
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[54] **METHODE THERAPEUTIQUE A MICROBULES ET GENERATEUR ASSOCIE**
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[72] JACKSON, ERIC EUGENE, US
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[54] **ANTICORPS ANTI-CXCR5 HUMANISES, LEURS DERIVES ET LEURS UTILISATIONS**
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[72] ALLEN, ELIZABETH, US
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[25] EN
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[54] **CRYSTALLINE PEPTIDE EPOXY KETONE PROTEASE INHIBITORS AND THE SYNTHESIS OF AMINO ACID KETO-EPOXIDES**
[54] **INHIBITEURS DE PROTEASE EPOXY-CETONE PEPTIDIQUE CRISTALLINE, ET SYNTHESE DE CETO-EPOXYDES D'ACIDES AMINES**
[72] PHIASIVONGSA, PASIT, US
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[72] TOWNSEND, JEFFREY R., US
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[54] **DETECTION DES BACTERIES DU GENRE CAMPYLOBACTER PAR CIBLAGE DE L'ENTEROTOXINE CYTOLETALE ET DISTENDANTE**
[72] YAMASAKI, SHINJI, JP
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[54] **PROCEDE OPTIQUE DE DETERMINATION DES PARAMETRES MORPHOLOGIQUES ET DES PROPRIETES PHYSIOLOGIQUES DE TISSUS**
[72] STAMNES, JAKOB J., NO
[72] STAMNES, KNUT, US
[72] ZHAO, LU, NO
[72] HAMRE, BOERGE, NO
[72] RYZHIKOV, GENNADY, NO
[72] BIRYULINA, MARINA, NO
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[54] **RESEAU MOBILE DE SECOURS POUR RESEAUX DE LECTURE DE COMPTEURS FIXES**
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[72] LAUGHLIN-PARKER, KELLY, US
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[72] LEE, NAKHYUNG, US
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[72] DUFFY, MICHAEL P., US
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[72] LI, XIAOFENG, US
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[54] **DETECTEUR DE RAYONNEMENT ELECTROMAGNETIQUE A MICROENCAPSULATION ET DISPOSITIF POUR LA DETECTION DE RAYONNEMENT ELECTROMAGNETIQUE METTANT EN OEUVRE DE TELS DETECTEURS**
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[72] MEEHAN, BRIAN, CA
[72] GUHA, ABHIJIT, CA
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[54] **BIURET THERMIQUEMENT STABLE ET MACROMOLECULES A BASE D'ISOCYANURATE MODIFICATRICES DE SURFACE ET LEURS UTILISATIONS**
[72] MULLICK, SANJOY, CA
[72] CHANG, WEILUN, CA
[72] PIOTROWICZ, ALEXANDRA, CA
[72] HO, JEANNETTE, CA
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[54] **APPAREIL SERVANT A POUSSER DES CONDUCTEURS DANS UN CONDUIT ET D'AUTRES STRUCTURES**
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[72] JORDAN, MICHAEL CALVIN, US
[73] SOUTHWIRE COMPANY, LLC, US
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[72] SKOV, LARS KOBBEROEE, DK
[72] DE MARIA, LEONARDO, DK
[72] FRIIS, ESBEN PETER, DK
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[72] OLARU, DAN, CA
[72] VLASIC, EDWARD, CA
[72] DE SANTIS, SILVIO, CA
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[72] CLARK, JEFFREY L., US
[73] BIOSENSE WEBSTER, INC., US
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[54] **APPARATUS AND METHOD FOR PRIORITY ADDRESSING AND MESSAGE HANDLING IN A FIXED METER READING NETWORK**
[54] **APPAREIL ET PROCEDE POUR ATTRIBUER DES PRIORITES ET TRAITER LES MESSAGE DANS UN RESEAU DE LECTURE DE COMPTEURS FIXES**
[72] BEVERUNG, RYAN M., US
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|[72]| ROTTHAEUSER, BAERBEL, DE
|[72]| SMITH, CHRISTOPHER JAMES, DE
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|[54]| **SYSTEME ET PROCEDES DE CONTROLE DES DISPOSITIFS DE SUPPRESSION ET DE LEURS INTERFACES**
|[72]| TAYLOR, THOMAS MORIZ, US
|[72]| MOSLEY, HAROLD THOMAS, US
|[73]| MUELLER INTERNATIONAL, LLC, US
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|[54]| **MELANGES A EFFET SYNERGETIQUE D'ENANTIOMERES D'ALCOOL AMINE ALPHA- OMEGA, LEUR PREPARATION ET LEUR UTILISATION DANS LES FORMULES DE REPULSIFS DESTINES AUX INSECTES ET AUX ACARIENS**
|[72]| KOCH, BURKHARD, DE
|[72]| JOB, ANDREAS, DE
|[72]| MUELLER, NIKOLAUS, DE
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|[54]| **ARTICLE EN MOUSSE DE POLYURETHANE ET SON PROCEDE DE FABRICATION**
|[72]| BURGESS, KEVIN, CA
|[72]| GARDIN, GREG, CA
|[72]| ZANG, JIAN YING, CA
|[72]| JANZEN, CHRIS, CA
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|[72]| WHITFIELD, KENNETH, US
|[72]| RETHY, CSABA L., US
|[73]| TYCO HEALTHCARE GROUP LP, US
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|[54]| **1,2,5-OXADIAZOLES CONSTITUANT DES INHIBITEURS DE L'INDOLEAMINE 2,3-DIOXYGENASE**
|[72]| COMBS, ANDREW P., US
|[72]| YUE, EDDY W., US
|[72]| SPARKS, RICHARD B., US
|[72]| ZHU, WENYU, US
|[72]| ZHOU, JIACHENG, US
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[54] **SYSTEME ET METHODE DE MISE SOUS TENSION D'UNE COURROIE DE TRACTION ET ENSEMBLE DE TRACTION ASSOCIE**
[72] MARCHILDON, LOUIS-FREDERIC, CA
[72] L'HERAULT, PATRICK, CA
[73] SOUCY INTERNATIONAL INC., CA
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[54] **CONTENANT RADIO-OPAQUE POUR DISPOSITIFS DE COMMUNICATION MONTES SUR LE TOIT D'UN VEHICULE**
[72] FOSTER, VIRGINIA E., US
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[72] BODEN, JOHN T., US
[72] ERICKSON, DWIGHT D., US
[72] CULLER, SCOTT R., US
[72] ADEFRIS, NEGUS B., US
[72] HAAS, JOHN D., US
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[54] **BOITE A FLEUR POUR CHASSIS DOUBLES**
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[86] (2749565)
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[54] **PROCEDES ET COMPOSITIONS POUR TRAITER DES NEUROPATHIES**
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[72] LAGANIERE, JOSEE, US
[72] MENG, XIANGDONG, US
[72] PASCHON, DAVID, US
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[54] **NANOCAPTEURS IMPRIMES MOLECULAIRES**
[72] CAI, DONG, US
[72] CHILES, THOMAS C., US
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[72] BASU, SUJAY, IN
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[72] WANG, JIANBIN, US
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[54] **SYSTEME ET PROCEDE POUR UNE PLANIFICATION, VISUALISATION ET OPTIMISATION EFFICACES DES RESTAURATIONS DENTAIRES**
[72] FISKER, RUNE, DK
[72] HOLLENBECK, KARL-JOSEF, DK
[72] JOERGENSEN, SUNE, DK
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[72] KAMINSKY, ROBERT D., US
[72] PALMER, THOMAS R., US
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[72] CLEEMANN, FELIX, DE
[72] HERSEL, ULRICH, DE
[72] KADEN-VAGT, SILVIA, DE
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[72] SCHOPFER, FRANCISCO J., US
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[54] **PROCEDE PERMETTANT D'ETABLIR DE FACON EFFICACE DES CELLULES SOUCHES PLURIPOTENTES INDUITES**
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[72] NAKAGAWA, MASATO, JP
[72] YAMANAKA, SHINYA, JP
[73] KYOTO UNIVERSITY, JP
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[54] **DISPOSITIF DE STOCKAGE ELECTRIQUE COMPRENANT UN BLOC D'ELEMENT DE CELLULE DE BATTERIE ION-OXYDE ET CONFIGURATIONS DE MODULE**
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[72] VORA, SHAILESH D., US
[72] TARTIBI, MEHRDAD, US
[72] VORTMEYER, NICOLAS, DE
[72] LITZINGER, KEVIN P., US
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[54] **CHAMBRE D'EXTINCTION D'ARC POUR DISJONCTEUR, DISJONCTEUR ET PROCEDE D'ASSEMBLAGE D'UNE CHAMBRE D'EXTINCTION D'ARC**
[72] NOISETTE, PHILIPPE, FR
[72] ALPHAND, YOANN, FR
[72] BLANC, MARC, CH
[73] ABB SCHWEIZ AG, CH
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[54] **FIBER OPTIC HOUSINGS HAVING A REMOVABLE TOP, AND RELATED COMPONENTS AND METHODS**
[54] **BOITIERS DE FIBRES OPTIQUES AYANT UNE PARTIE SUPERIEURE AMOVIBLE, ET COMPOSANTS ET PROCEDES ASSOCIES**
[72] GIRAUD, WILLIAM J., US
[72] RODRIGUEZ, DIANA, US
[73] CORNING OPTICAL COMMUNICATIONS LLC, US
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[54] **PHOSPHOLIPID DRUG ANALOGS**
[54] **ANALOGUES DE MEDICAMENTS PHOSPHOLIPIDIQUES**
[72] MAJ, ROBERTO, CH
[72] PATTARINO, FRANCO, IT
[72] MURA, EMANUELA, CH
[72] BARBERIS, ALCIDE, CH
[73] UROGEN PHARMA, LTD., IL
[85] 2012-10-24
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[25] EN
[54] **COMPOSITIONS CONTAINING PURINE AND PYRIMIDINE NUCLEOSIDES, PEPTIDES, AND MANGANESE AND THEIR USES**
[54] **COMPOSITIONS CONTENANT DES NUCLEOSIDES PURIQUES ET PYRIMIDINIQUES, DES PEPTIDES, ET DU MANGANESE, ET UTILISATIONS ASSOCIEES**
[72] DALY, MICHAEL J., US
[72] GAIDAMAKOVA, ELENA K., US
[73] THE HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE, INC., US
[85] 2012-10-26
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[54] **PROCESS AND PRODUCT OF HIGH STRENGTH UHMW PE FIBERS**
[54] **PROCEDE ET PRODUIT DE FIBRES DE POLYETHYLENE DE POIDS MOLECULAIRE ULTRA-ELEVE DE GRANDE RESISTANCE**
[72] TAM, THOMAS Y., US
[72] YOUNG, JOHN A., US
[72] ZHOU, QIANG, US
[72] TWOMEY, CONOR J., US
[72] ARNETT, CHARLES R., US
[73] HONEYWELL INTERNATIONAL INC., US
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[25] EN
[54] **MICROFABRICATED ARTIFICIAL LUNG ASSIST DEVICE, AND METHODS OF USE AND MANUFACTURE THEREOF**
[54] **DISPOSITIF RESPIRATOIRE DE POUMON ARTIFICIEL MICROFABRIQUE ET PROCEDES D'UTILISATION ET DE FABRICATION DE CELUI-CI**
[72] BORENSTEIN, JEFFREY T., US
[72] CHAREST, JOSEPH L., US
[72] HSIAO, JAMES CHING-MING, US
[72] KNIAZEVA, TATIANA, US
[73] THE CHARLES STARK DRAPER LABORATORY, INC., US
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[54] **STEERING KNUCKLE FOR A VEHICLE**
[54] **FUSEE DE DIRECTION POUR UN VEHICULE**
[72] PARE, STEEVE, CA
[72] FRECHETTE, STEVE, CA
[72] LATULIPPE, SERGE, CA
[72] GASSE, WILLIAM, CA
[72] LEGER, ANDRE, CA
[72] TODD, ANDRE, CA
[73] SOUCY INTERNATIONAL INC., CA
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[25] EN
[54] **ELECTRONIC PROGRAM GUIDE DATA ENCODING METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE CODAGE DES DONNEES D'UN GUIDE ELECTRONIQUE DE PROGRAMME**
[72] COOK, FRANCIS, GB
[72] BARRETT, MATTHEW FREDERICK, GB
[72] MALMING, HARALD ROLAND, GB
[72] GREEN, NICHOLAS, NZ
[73] LIBERTY GLOBAL EUROPE HOLDING B.V., NL
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[25] EN
[54] **CATALYTIC PROCESSES AND SYSTEMS FOR BASE OIL PRODUCTION FROM LIGHT FEEDSTOCK**
[54] **PROCEDES ET SYSTEMES CATALYTIQUES POUR LA PRODUCTION D'HUILE DE BASE A PARTIR D'UNE CHARGE LEGERE**
[72] KRISHNA, KAMALA, US
[72] LEI, GUAN-DAO, US
[73] CHEVRON U.S.A. INC., US
[85] 2012-12-05
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[25] EN
[54] **CATALYTIC PROCESSES AND SYSTEMS FOR BASE OIL PRODUCTION FROM HEAVY FEEDSTOCK**
[54] **PROCEDES ET SYSTEMES CATALYTIQUES POUR LA PRODUCTION D'HUILE DE BASE A PARTIR D'UNE CHARGE LOURDE**
[72] KRISHNA, KAMALA, US
[72] LEI, GUAN-DAO, US
[73] CHEVRON U.S.A. INC., US
[85] 2012-12-05
[86] 2011-06-24 (PCT/US2011/041803)
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[25] EN
[54] **CATALYTIC PROCESSES AND SYSTEMS FOR BASE OIL PRODUCTION USING ZEOLITE SSZ-32X**
[54] **PROCEDES ET SYSTEMES CATALYTIQUES POUR LA PRODUCTION D'HUILE DE BASE AU MOYEN DE LA ZEOLITE SSZ-32X**
[72] KRISHNA, KAMALA, US
[72] LEI, GUAN-DAO, US
[73] CHEVRON U.S.A. INC., US
[85] 2012-12-05
[86] 2011-06-24 (PCT/US2011/041810)
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[54] **AN IMPROVED PARAMETRIC GENERATOR**
[54] **GENERATEUR PARAMETRIQUE AMELIORE**
[72] DUNN, MALCOLM HARRY, GB
[72] RAE, CAMERON FRANCIS, GB
[72] STOTHARD, DAVID JAMES MARK, GB
[72] WALSH, DAVID ALAN, GB
[73] UNIVERSITY COURT OF THE UNIVERSITY OF ST ANDREWS, GB
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[54] **ANTIBODIES TO ENDOPLASMIN AND THEIR USE**
[54] **ANTICORPS DIRIGES CONTRE L'ENDOPLASMINE ET LEUR UTILISATION**
[72] FERRONE, SOLDANO, US
[72] WANG, XINHUI, US
[72] CONRADS, THOMAS P., US
[72] FAVOINO, ELVIRA, IT
[72] HOOD, BRIAN, US
[73] UNIVERSITY OF PITTSBURGH-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
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[25] EN
[54] **WOOD PRESERVATIVE COMPOSITIONS USEFUL FOR TREATING COPPER-TOLERANT FUNGI**
[54] **COMPOSITIONS DE PRODUIT DE PRESERVATION DU BOIS UTILES POUR LE TRAITEMENT DE CHAMPIGNONS TOLERANTS AU CUIVRE**
[72] MARS, CRAIG ANDREW, GB
[72] CANTRELL, DAVID GRINDON, GB
[72] HUGHES, KEVIN, GB
[72] HUGHES, ANDREW STEWART, GB
[73] ARCH TIMBER PROTECTION LIMITED, GB
[85] 2012-12-18
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[51] **Int.Cl. H05K 7/20 (2006.01) F25B 7/00 (2006.01) F25D 16/00 (2006.01)**
[25] EN
[54] **SPACE-SAVING HIGH-DENSITY MODULAR DATA CENTER AND AN ENERGY-EFFICIENT COOLING SYSTEM**
[54] **CENTRE DE DONNEES MODULAIRE A HAUTE DENSITE ET A ECONOMIE D'ESPACE ET SYSTEME DE REFROIDISSEMENT EFFICACE EN ENERGIE**
[72] COSTAKIS, JOHN, US
[72] MCDONNELL, GERALD, US
[72] KEISLING, EARL, US
[73] INERTECH IP LLC, US
[85] 2012-12-18
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[51] **Int.Cl. H01Q 3/26 (2006.01) H01Q 3/40 (2006.01)**
[25] EN
[54] **A PHASED ARRAY ANTENNA FOR PROVIDING A RADIATION PATTERN**
[54] **UNE ANTENNE-RESEAU A COMMANDE DE PHASE SERVANT A FOURNIR UN DIAGRAMME DE RAYONNEMENT**
[72] STIRLAND, SIMON JOHN, GB
[73] ASTRIUM LIMITED, GB
[85] 2012-12-19
[86] 2011-06-22 (PCT/EP2011/060522)
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[54] **SELF-DETACHING LAYER FOR EASY IMPLANT REMOVAL**
[54] **COUCHE AUTODETACHANTE POUR RETRAIT AISE D'IMPLANT**
[72] THORWARTH, GOETZ, CH
[72] VOISARD, CYRIL, CH
[73] SYNTHES USA, LLC, US
[85] 2012-12-18
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[51] **Int.Cl. B61G 7/14 (2006.01) B61D 15/06 (2006.01) B61G 3/16 (2006.01)**
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[54] **SHOCK-ABSORBING COUPLER HEAD FOR A COUPLING ARRANGEMENT**
[54] **TETE D'ATTELAGE D'ABSORPTION DES CHOCS POUR UN DISPOSITIF D'ATTELAGE**
[72] HANSSON, JOHAN, SE
[72] HJORT, MATTIAS, SE
[72] HISWALS, FREDRIK, SE
[72] LARSSON, DANIEL, SE
[72] SVEDBO, ANDERS, SE
[72] WESTMAN, ANDERS, SE
[73] EGO INTERNATIONAL B.V., BE
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[51] **Int.Cl. A61K 9/20 (2006.01) A61K 31/407 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL DOSAGE FORM COMPRISING 6'-FLUORO-(N-METHYL- OR N,N-DIMETHYL-)-4-PHENYL-4',9'-DIHYDRO-3'H-SPIRO[CYCLOHEXANE-1,1'-PYRANO[3,4,B]INDOL]-4-AMINE**
[54] **FORME PHARMACEUTIQUE COMPRENANT UNE 6'-FLUORO-(N-METHYL- OU N,N-DIMETHYL-)-4-PHENYL-4',9'-DIHYDRO-3'H-SPIRO[CYCLOHEXANE-1,1'-PYRANO[3,4,B]INDOL]-4-AMINE**
[72] SCHILLER, MARC, DE
[72] GRUENING, NADJA, DE
[72] HEMANI, ASHISH, GB
[73] GRUENENTHAL GMBH, DE
[85] 2012-12-28
[86] 2011-08-04 (PCT/EP2011/003900)
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[25] EN
[54] **PURIFIER COMPRISING A SOLIDS SEPARATION DEVICE, AND METHOD FOR WASTEWATER PURIFICATION**
[54] **PURIFICATEUR COMPRENANT UN DISPOSITIF DE SEPARATION DE SOLIDES, ET PROCEDE POUR PURIFICATION D'EAUX USEES**
[72] PRINS, RIENK, NL
[73] PAQUES I.P. B.V., NL
[85] 2013-01-02
[86] 2011-07-08 (PCT/NL2011/050500)
[87] (WO2012/005592)
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[25] EN
[54] **METHODS AND COMPOUNDS FOR TREATING PARAMYXOVIRIDAE VIRUS INFECTIONS**
[54] **PROCEDES ET COMPOSES POUR TRAITER DES INFECTIONS A VIRUS PARAMYXOVIRIDAE**
[72] MACKMAN, RICHARD L., US
[72] PARRISH, JAY P., US
[72] RAY, ADRIAN S., US
[72] THEODORE, DOROTHY AGNES, US
[73] GILEAD SCIENCES, INC., US
[85] 2013-01-08
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[25] EN
[54] **SIEVE DEVICE FOR UNTREATED DRILLING MUD AND A METHOD OF USING SAME**
[54] **DISPOSITIF DE CRIBLAGE POUR BOUES DE FORAGE NON TRAITEES ET SON PROCEDE D'UTILISATION**
[72] VASSHUS, JAN KRISTIAN, NO
[72] MALMIN, ARNE, NO
[73] CUBILITY AS, NO
[85] 2013-01-09
[86] 2011-06-27 (PCT/NO2011/000185)
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[54] **STEER-AXLE HIGH-TEMPERATURE WARNING SYSTEM**
[54] **SYSTEME D'AVERTISSEMENT DE TEMPERATURE ELEVEE POUR ESSIEU DE DIRECTION**
[72] HENNIG, MARK KEVIN, US
[73] EQUALAIRE SYSTEMS, INC., US
[85] 2013-01-11
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[25] EN
[54] **METHODS AND DEVICES FOR FORMING BEVERAGES FROM POWDERS WITH ENHANCED DISPERSIBILITY**
[54] **PROCEDES ET DISPOSITIFS PERMETTANT DE PREPARER DES BOISSONS A PARTIR DE POUDRES PRESENTANT UNE APTITUDE A LA DISPERSION AMELIOREE**
[72] FOUNTAIN, GERALD O., US
[72] OXFORD, PHILIP JAMES, US
[72] PENNER, AMY L., US
[73] INTERCONTINENTAL GREAT BRANDS LLC, US
[85] 2013-01-14
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[25] FR
[54] **IMPROVED METHOD FOR PRODUCING CELLULOLYTIC AND/OR HEMICELLULOLYTIC ENZYMES**
[54] **PROCEDE DE PRODUCTION D'ENZYMES CELLULOLYTIQUES ET/OU HEMICELLULOLYTIQUES AMELIORE**
[72] BEN CHAABANE, FADHEL, FR
[72] MONOT, FREDERIC, FR
[73] IFP ENERGIES NOUVELLES, FR
[85] 2012-12-27
[86] 2011-06-16 (PCT/FR2011/000350)
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[54] **MULTI-PIECE RUN-FLAT INSERT**
[54] **INSERT DE ROULAGE A PLAT EN PLUSIEURS PARTIES**
[72] GARDETTO, WILLIAM W., US
[72] MARQUART, MICHAEL D., US
[73] HUTCHINSON INDUSTRIES, INC., US
[85] 2013-01-18
[86] 2011-06-23 (PCT/US2011/041683)
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[51] **Int.Cl. B01J 29/06 (2006.01) B01J 37/00 (2006.01) C10G 47/02 (2006.01)**
[25] EN
[54] **HYDROCRACKING CATALYST FOR HYDROCARBON OIL, METHOD FOR PRODUCING HYDROCRACKING CATALYST, AND METHOD FOR HYDROCRACKING HYDROCARBON OIL WITH HYDROCRACKING CATALYST**
[54] **CATALYSEUR D'HYDROCRAQUAGE POUR HUILE HYDROCARBONEE, PROCEDE DE PRODUCTION D'UN CATALYSEUR D'HYDROCRAQUAGE ET PROCEDE D'HYDROCRAQUAGE D'UNE HUILE HYDROCARBONEE AU MOYEN D'UN CATALYSEUR D'HYDROCRAQUAGE**
[72] KOSEOGLU, OMER REFA, SA
[72] AL-HAJJI, ADNAN, SA
[72] AL-SOMALI, ALI MAHMOOD, SA
[72] AL-ABDUL'AL, ALI H., SA
[72] AL-THUKAIR, MISHAAL, SA
[72] USHIO, MASARU, JP
[72] KURODA, RYUZO, JP
[72] KAMEOKA, TAKASHI, JP
[72] NAKANO, KOUJI, JP
[72] TAKAMORI, YUUICHI, JP
[73] SAUDI ARABIAN OIL COMPANY, SA
[73] JGC CATALYSTS AND CHEMICALS LTD., JP
[73] JAPAN COOPERATION CENTER, PETROLEUM, JP
[85] 2013-01-18
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[54] **DRY LIQUID**
[54] **LIQUIDE SEC**
[72] VOGEL, ROLAND, DE
[72] VUCAK, MARIJAN, DE
[72] NOVER, CHRISTOPH, DE
[73] SCHAEFER KALK GMBH & CO. KG, DE
[85] 2013-01-21
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[51] **Int.Cl. C05B 13/06 (2006.01)**
[25] EN
[54] **POLYPHOSPHATE FERTILIZER COMBINATIONS**
[54] **COMBINAISONS D'ENGRAIS DE POLYPHOSPHATES**
[72] VARADACHARI, CHANDRIKA, IN
[73] AGTEC INNOVATIONS, INC., US
[85] 2013-01-22
[86] 2011-08-08 (PCT/IN2011/000519)
[87] (WO2012/020427)
[30] IN (886/KOL/2010) 2010-08-10
[30] US (61/390,574) 2010-10-06

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[51] **Int.Cl. A61B 17/115 (2006.01)**
[25] EN
[54] **SURGICAL CIRCULAR STAPLER WITH TISSUE RETENTION ARRANGEMENTS**
[54] **AGRAFEUSE CIRCULAIRE CHIRURGICALE AVEC DISPOSITIFS DE RETENTION TISSULAIRE**
[72] SHELTON, FREDERICK E., IV, US
[72] WILLIS, JOHN W., US
[73] ETHICON ENDO-SURGERY, INC., US
[85] 2013-01-23
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[25] EN
[54] **METHOD AND DEVICE FOR INSPECTING A THREADING OF A TUBULAR CONNECTION USED IN THE OIL INDUSTRY**
[54] **PROCEDE ET DISPOSITIF POUR INSPECTER UN FILETAGE D'UN RACCORD TUBULAIRE UTILISE DANS L'INDUSTRIE PETROLIERE**
[72] DURIVAULT, JEROME, FR
[72] CROSS, NIGEL, GB
[72] PEUCHOT, FLORIAN, FR
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[73] VALLOUREC OIL AND GAS FRANCE, FR
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[54] **ENHANCING VISUAL ASSESSMENT OF SAMPLES**
[54] **AMELIORATION DE L'EVALUATION VISUELLE D'ECHANTILLONS**
[72] HOYT, CLIFFORD C., US
[73] CAMBRIDGE RESEARCH & INSTRUMENTATION, INC., US
[85] 2013-01-21
[86] 2011-08-05 (PCT/US2011/046808)
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[30] US (61/371,151) 2010-08-05

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[25] EN
[54] **DISPERSE DYE MIXTURES, THEIR PREPARATION AND USE**
[54] **MELANGES DE COLORANTS DISPERSES, LEUR PREPARATION ET LEUR UTILISATION**
[72] ARNOLD, MARKUS, DE
[72] MURGATROYD, ADRIAN, DE
[72] GRUND, CLEMENS, DE
[72] GOERLITZ, GUNTER, DE
[72] LIEBIG, TIMO, DE
[73] DYSTAR COLOURS DISTRIBUTION GMBH, DE
[85] 2013-01-28
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[51] **Int.Cl. B32B 38/04 (2006.01) B32B 3/10 (2006.01) B65D 5/74 (2006.01)**
[25] EN
[54] **CONTAINER FORMED FROM A CONTAINER BLANK AND HAVING IMPROVED OPENING PROPERTIES AS A RESULT OF STRETCHING HEAT TREATMENT OF POLYMER LAYERS**
[54] **RECIPIENT FORME A PARTIR D'UNE EBAUCHE, AUX PROPRIETES D'OUVERTURE AMELIOREES, PAR TRAITEMENT THERMIQUE D'ETIREMENT DE COUCHES DE POLYMERE**
[72] WOLTERS, MICHAEL, DE
[72] LORENZ, GUENTHER, DE
[72] SCHMIDT, HOLGER, DE
[72] BISCHOFF, JOERG, DE
[73] SIG TECHNOLOGY AG, CH
[85] 2013-01-31
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[51] **Int.Cl. A61K 39/395 (2006.01) C07K 16/22 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY OF AN AFUCOSYLATED CD20 ANTIBODY WITH AN ANTI-VEGF ANTIBODY**
[54] **THERAPIE DE COMBINAISON D'UN ANTICORPS AFUCOSYLE ANTI-CD20 AVEC UN ANTICORPS ANTI-VEGF**
[72] HERTING, FRANK, DE
[72] KLEIN, CHRISTIAN, CH
[73] ROCHE GLYCART AG, CH
[85] 2013-01-31
[86] 2011-08-16 (PCT/EP2011/064097)
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[51] **Int.Cl. A47L 15/42 (2006.01)**
[25] EN
[54] **TABLE TOP DISHWASHER**
[54] **LAVE-VAISSELLE A PLATEAU**
[72] LUNDBERG, MATS, SE
[72] SALERNO, LUIGI, IT
[73] ELECTROLUX HOME PRODUCTS CORPORATION N.V., BE
[85] 2013-02-04
[86] 2011-07-13 (PCT/EP2011/003493)
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[54] **METHOD FOR PREVENTING ELUTION OF BI FROM COPPER ALLOY**
[54] **PROCEDE EMPECHANT L'ELUTION DE BI A PARTIR D'UN ALLIAGE DE CUIVRE**
[72] OZASA, TOMOYUKI, JP
[73] KITZ CORPORATION, JP
[85] 2013-02-06
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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/4985 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **4,7-DIHYDRO-PYRAZOLO[1,5-A]PYRAZIN-6-YLAMINE DERIVATIVES USEFUL AS INHIBITORS OF BETA-SECRETASE (BACE)**
[54] **DERIVES DE LA 4,7-DIHYDRO-PYRAZOLO[1,5-A]PYRAZIN-6-YL-AMINE UTILISABLES EN TANT QU'INHIBITEURS DE LA BETA-SECRETASE (BACE)**
[72] TRABANCO-SUAREZ, ANDRES AVELINO, ES
[72] TRESADERN, GARY JOHN, ES
[72] DELGADO-JIMENEZ, FRANCISCA, ES
[73] JANSSEN PHARMACEUTICA NV, BE
[85] 2013-02-08
[86] 2011-09-20 (PCT/EP2011/066343)
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[13] C
[51] **Int.Cl. A61M 27/00 (2006.01) A61M 1/00 (2006.01)**
[25] EN
[54] **CONTROLLED NEGATIVE PRESSURE APPARATUS AND ALARM MECHANISM**
[54] **APPAREIL A PRESSION NEGATIVE CONTROLEE ET MECANISME D'ALARME**
[72] HU, DEAN, US
[72] YORKEY, THOMAS, US
[72] ANDERSON, EVAN, US
[72] WU, KENNETH, US
[72] COXUM, ANTHONY, US
[73] KCI LICENSING, INC., US
[85] 2013-02-08
[86] 2011-08-10 (PCT/US2011/047302)
[87] (WO2012/021657)
[30] US (61/372,419) 2010-08-10
[30] US (61/372,837) 2010-08-11
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[25] EN
[54] **IMPROVING TEREPHTHALIC ACID PURGE FILTRATION RATE BY CONTROLLING % WATER IN FILTER FEED SLURRY**
[54] **AMELIORATION DU DEBIT DE FILTRATION DE PURGE D'ACIDE TEREPHTALIQUE PAR REGULATION DU % D'EAU DANS SUSPENSION EPAISSE D'ALIMENTATION DU FILTRE**
[72] PARKER, KENNY RANDOLPH, US
[72] BLAIR, LARRY WAYNE, US
[73] GRUPO PETROTEMEX, S.A. DE C.V., MX
[85] 2013-02-08
[86] 2011-08-11 (PCT/US2011/047317)
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[25] EN
[54] **CLEANING-IN-PLACE SYSTEM FOR FLAT BELTS**
[54] **SYSTEME DE NETTOYAGE EN PLACE POUR COURROIES PLATES**
[72] LUCCHI, MARCO, CH
[73] HABASIT AG, CH
[85] 2013-02-11
[86] 2011-08-12 (PCT/EP2011/063991)
[87] (WO2012/020142)
[30] US (12/856,578) 2010-08-13
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[51] **Int.Cl. A61F 2/30 (2006.01) A61F 2/28 (2006.01) A61L 24/00 (2006.01)**
[25] EN
[54] **STRUCTURES FOR USE IN ORTHOPAEDIC IMPLANT FIXATION AND METHODS OF INSTALLATION ONTO A BONE**
[54] **STRUCTURES SERVANT A FIXER UN IMPLANT ORTHOPEDIQUE ET PROCEDES D'INSTALLATION SUR UN OS**
[72] LENZ, NATHANIEL MILTON, US
[72] WILKINSON, ZACHARY CHRISTOPHER, US
[73] SMITH & NEPHEW, INC., US
[85] 2013-02-11
[86] 2011-08-11 (PCT/US2011/047414)
[87] (WO2012/021702)
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[51] **Int.Cl. C07D 403/12 (2006.01) A61K 31/505 (2006.01) A61K 31/506 (2006.01) C07D 239/42 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01) C07D 413/12 (2006.01)**
[25] EN
[54] **PYRIMIDINE DERIVATIVES AS FAK INHIBITORS**
[54] **DERIVES DE PYRIMIDINE EN TANT QU'INHIBITEURS DE FAK**
[72] HEINRICH, TIMO, DE
[72] ESDAR, CHRISTINA, DE
[72] GREINER, HARTMUT, DE
[73] MERCK PATENT GMBH, DE
[85] 2013-02-15
[86] 2011-07-19 (PCT/EP2011/003597)
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[25] EN
[54] **METHOD FOR PURIFYING PEGYLATED ERYTHROPOIETIN**
[54] **PROCEDE POUR PURIFIER L'ERYTHROPOIETINE PEGYLEE**
[72] FALKENSTEIN, ROBERTO, DE
[72] KOEHNLEIN, WOLFGANG, DE
[72] KUHNE, WOLFGANG, DE
[72] SCHURIG, HARTMUT (DECEASED), DE
[73] F. HOFFMANN-LA ROCHE AG, CH
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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/20 (2006.01) B30B 15/34 (2006.01)**
[25] EN
[54] **MULTI-LAYERED ORALLY DISINTEGRATING TABLET AND THE MANUFACTURE THEREOF**
[54] **COMPRIME ORODISPERSIBLE MULTICOUCHE ET SA FABRICATION**
[72] LUBER, JOSEPH R., US
[72] BUNICK, FRANK J., US
[72] SOWDEN, HARRY S., US
[72] KRIKSUNOV, LEO B., US
[72] SZYMCZAK, CHRISTOPHER E., US
[73] MCNEIL-PPC, INC., US
[85] 2013-02-21
[86] 2011-03-21 (PCT/US2011/029155)
[87] (WO2012/039788)
[30] US (12/887,552) 2010-09-22
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[13] C
[51] **Int.Cl. A61F 2/08 (2006.01) A61F 2/48 (2006.01)**
[25] EN
[54] **CENTERING AID FOR IMPLANTABLE SLING**
[54] **AUXILIAIRE DE CENTRAGE POUR UN SUPPORT IMPLANTABLE**
[72] NGUYEN, STEVEN, US
[72] ELBERT, KATRIN, US
[72] SMITH, DANIEL J., US
[73] ETHICON INC., US
[85] 2013-02-21
[86] 2011-08-22 (PCT/US2011/048606)
[87] (WO2012/027268)
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[51] **Int.Cl. B67D 9/02 (2010.01)**
[25] EN
[54] **BALANCED LOADING ARM WITHOUT A BASE FOR TRANSFERRING A FLUID PRODUCT**
[54] **BRAS DE CHARGEMENT EQUILIBRE SANS BASE POUR LE TRANSFERT D'UN PRODUIT FLUIDE**
[72] FUSY, JOEL, FR
[73] FMC TECHNOLOGIES SA, FR
[85] 2013-02-25
[86] 2011-05-17 (PCT/IB2011/052152)
[87] (WO2012/028969)
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[13] C
[51] **Int.Cl. B65B 43/18 (2006.01) B65B 43/32 (2006.01)**
[25] EN
[54] **EQUIPMENT FOR CONTINUOUSLY FEEDING BOXES OR CONTAINERS STACKED IN A FLAT TUBULAR CONFIGURATION TO A PACKAGING MACHINE WHICH ALSO OPERATES CONTINUOUSLY**
[54] **EQUIPEMENT PERMETTANT UNE ALIMENTATION CONTINUE DE BOITES OU DE CONTENANTS EMPILES EN UNE CONFIGURATION TUBULAIRE PLATE JUSQUE DANS UNE MACHINE DE CONDITIONNEMENT QUI FONCTIONNE AUSSI EN CONTINU**
[72] ZAMBELLI, FLAVIO, IT
[73] ZAMBELLI S.R.L., IT
[85] 2013-02-28
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[51] **Int.Cl. B65G 57/00 (2006.01) B65G 57/02 (2006.01)**
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[54] **BOARD STACKING APPARATUS**
[54] **APPAREIL D'EMPILEMENT DE PLAQUES**
[72] ST-PIERRE, MICHEL, CA
[72] ST-PIERRE, ISABELLE, CA
[72] VALLEE, ERIC, CA
[73] NOVILCO INC., CA
[86] (2810111)
[87] (2810111)
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[51] **Int.Cl. C01B 39/50 (2006.01) B01J 20/18 (2006.01) C01B 39/00 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING SMALL CRYSTAL SSZ-32**
[54] **PROCEDE DE PREPARATION DE SSZ-32 A PETITS CRISTAUX**
[72] ZONES, STACEY I., US
[72] LEE, BOWMAN, US
[72] YUEN, LUN-TEH, US
[72] DAVIS, TRACY M., US
[72] ZIEMER, JAMES N., US
[72] OJO, ADEOLA, US
[73] CHEVRON U.S.A. INC., US
[85] 2013-03-05
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[30] US (12/940,776) 2010-11-05

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[51] **Int.Cl. C08G 12/36 (2006.01) B32B 21/02 (2006.01) C08G 12/42 (2006.01) C08L 61/30 (2006.01) C09D 161/26 (2006.01)**
[25] EN
[54] **REACTION PRODUCT OF A CYCLIC UREA AND A MULTIFUNCTIONAL ALDEHYDE**
[54] **PRODUIT REACTIONNEL D'UNE UREE CYCLIQUE ET D'UN ALDEHYDE MULTIFONCTIONNEL**
[72] GUPTA, RAM B., US
[72] FLOOD, LAWRENCE A., US
[72] TREASURER, URVEE Y., US
[72] LAWLESS, BARRY A., US
[72] BROGAN, COLIN, US
[73] ALLNEX NETHERLANDS B.V., NL
[85] 2013-03-08
[86] 2011-09-23 (PCT/US2011/053039)
[87] (WO2012/044547)
[30] EP (EP10185088.1) 2010-09-30

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[51] **Int.Cl. C08G 12/40 (2006.01) C08G 12/12 (2006.01) C08G 12/26 (2006.01) C08G 14/08 (2006.01) C08K 5/00 (2006.01) C08L 61/24 (2006.01) C08L 61/26 (2006.01) C08L 61/32 (2006.01)**
[25] EN
[54] **MIXTURES OF CROSSLINKING AGENTS**
[54] **MELANGES D'AGENTS DE RETICULATION**
[72] GUPTA, RAM B., US
[72] FLOOD, LAWRENCE A., US
[72] TREASURER, URVEE Y., US
[72] LAWLESS, BARRY A., US
[72] BROGAN, COLIN, US
[73] ALLNEX NETHERLANDS B.V., NL
[85] 2013-03-12
[86] 2011-09-23 (PCT/US2011/053020)
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[30] EP (10185094.9) 2010-09-30

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[25] EN
[54] **CONTINUOUS FLOW POLYMERISATION PROCESS**
[54] **PROCEDE DE POLYMERISATION EN CONTINU**
[72] CHIEFARI, JOHN, AU
[72] HORNUNG, CHRISTIAN, AU
[72] SAUBERN, SIMON, AU
[73] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[85] 2013-03-21
[86] 2011-08-12 (PCT/AU2011/001035)
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[25] EN
[54] **DEVICE FOR GROWING PLANTS**
[54] **DISPOSITIF DE CULTURE DE PLANTES**
[72] DAAS, KAMAL, NL
[72] DAAS, TALAL, US
[72] VAN DER DRIFT, PETER, NL
[73] HORTICOOP B.V., NL
[73] DAAS, KAMAL, NL
[73] DAAS, TALAL, US
[85] 2013-03-19
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[87] (WO2012/038060)
[30] DE (20 2010 013 543.5) 2010-09-23

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[25] EN
[54] **CORNER POST APPLICATION SYSTEM**
[54] **SYSTEME D'APPLICATION DE POTEAU D'ANGLE**
[72] BRUNSON, BRUCE W., US
[72] BRAKE, JASON A., US
[72] MARTIN, PETER C., US
[72] VANSWEDEN, JONATHAN, US
[72] WAGNER, THOMAS E., US
[72] CLARK, MARK J. (DECEASED), US
[73] MOLLERS NORTH AMERICA, INC., US
[85] 2013-02-22
[86] 2011-08-26 (PCT/US2011/049416)
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[30] US (61/377,189) 2010-08-26

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[13] C
[51] **Int.Cl. D03D 15/00 (2006.01) A41D 13/008 (2006.01) A41D 31/00 (2006.01)**
[25] EN
[54] **WOVEN FABRIC AND GARMENT**
[54] **TISSU ET VETEMENT**
[72] UKUMA, AKIO, JP
[72] IWASHITA, KENJI, JP
[73] TEIJIN FRONTIER CO., LTD., JP
[85] 2013-03-28
[86] 2011-11-14 (PCT/JP2011/076138)
[87] (WO2012/067053)
[30] JP (2010-257930) 2010-11-18

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[13] C
[51] **Int.Cl. C10G 47/00 (2006.01) C10G 47/36 (2006.01) C10G 67/06 (2006.01)**
[25] EN
[54] **PROCESS FOR HYDROCRACKING A HYDROCARBON FEEDSTOCK**
[54] **PROCEDE D'HYDROCRAQUAGE D'UNE CHARGE HYDROCARBONEE**
[72] LOW, GORDON GONGNGAI, US
[72] HUNTER, MICHAEL GLENN, US
[73] HALDOR TOPSOE A/S, DK
[85] 2013-04-05
[86] 2011-10-05 (PCT/EP2011/004949)
[87] (WO2012/052116)
[30] EP (PCT/EP2010/006411) 2010-10-20
[30] US (61/421,058) 2010-12-08
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[25] EN
[54] **ENDODONTIC SYSTEM AND METHOD**
[54] **SYSTEME ENDODONTIQUE ET PROCEDE ASSOCIE**
[72] BORGSCHULTE, MARKUS, DE
[73] VDW GMBH, DD
[85] 2013-04-08
[86] 2011-10-06 (PCT/EP2011/004981)
[87] (WO2012/045455)
[30] EP (10013364.4) 2010-10-06

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[13] C
[51] **Int.Cl. A61B 17/34 (2006.01)**
[25] EN
[54] **SURGICAL ACCESS DEVICE**
[54] **DISPOSITIF D'ACCES CHIRURGICAL**
[72] MINNELLI, PATRICK J., US
[72] MONTGOMERY, KEVIN M., US
[73] ETHICON ENDO-SURGERY, INC., US
[85] 2013-04-11
[86] 2011-10-12 (PCT/US2011/055905)
[87] (WO2012/051253)
[30] US (12/902,265) 2010-10-12

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[51] **Int.Cl. A61B 1/00 (2006.01) A61B 1/015 (2006.01) A61B 1/12 (2006.01)**
[25] EN
[54] **ENDOSCOPIC SHEATH ASSEMBLY**
[54] **ENSEMBLE GAINE ENDOSCOPIQUE**
[72] AVITSIAN, RAFI, US
[72] ZURA, ANDREW M., US
[72] GUTHRIE, ROBERT B., US
[72] HAIGHT, DOUGLAS W., US
[72] CALLEGARI, JAMES T., US
[72] COLLINSON, MICHAEL, US
[73] THE CLEVELAND CLINIC FOUNDATION, US
[73] PARKER HANNIFIN CORPORATION, US
[85] 2013-04-12
[86] 2011-10-14 (PCT/US2011/056384)
[87] (WO2012/051545)
[30] US (61/393,207) 2010-10-14
[30] US (13/257,529) 2011-09-19

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[13] C
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[25] EN
[54] **USE OF AN A.BETA.42 PEPTIDE TO REDUCE A COGNITIVE DEFICIT IN A SUBJECT**
[54] **UTILISATION DE PEPTIDE BETA-42 POUR REDUIRE UNE DEFICIENCE COGNITIVE CHEZ UN SUJET**
[72] ST. GEORGE-HYSLOP, PETER H., CA
[72] FRASER, PAUL E., CA
[72] WESTAWAY, DAVID, CA
[73] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
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[72] MAGISTRALI, PAOLO, IT
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[54] **MODULATION DE LA SOLUBILITE, DE LA STABILITE, DE L'ABSORPTION, DU METABOLISME ET DU PROFIL PHARMACOCINETIQUE DE MEDICAMENTS LIPOPHILES PAR LES STEROLS**
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[72] LUCIA, RICHARD LAWRENCE, US
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[73] QVINCI SOFTWARE, LLC, US
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[25] EN
[54] **POTASSIUM SULFITE/POTASSIUM BISULFITE (KS/KBS) LIQUID AS STARTER, SIDE-DRESS, BROADCAST, FOLIAR AND FERTIGATION FERTILIZERS**
[54] **LIQUIDE A BASE DE SULFITE DE POTASSIUM/BISULFITE DE POTASSIUM (KS/KBS) EN TANT QU'ENGRAIS DE DEMARRAGE, ENGRAIS EPANDU EN BANDES LATERALES, ENGRAIS EPANDU EN NAPPES, ENGRAIS FOLIAIRE, ET ENGRAIS POUR IRRIGATION FERTILISANTE**
[72] FAIRWEATHER, THOMAS D., US
[72] HOJJATIE, MICHAEL MASSOUD, US
[73] TESSENDERLO KERLEY, INC., US
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[54] **MECHANICAL LOCKING SYSTEM FOR BUILDING PANELS**
[54] **SYSTEME DE VERROUILLAGE MECANIQUE POUR PANNEAUX DE CONSTRUCTION**
[72] PERVAN, DARKO, SE
[72] HAKANSSON, NICLAS, SE
[73] VALINGE INNOVATION AB, SE
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[54] **OSTEOSYNTHESIS DEVICE WITH PLATE AND PINS**
[54] **DISPOSITIF D'OSTEOSYNTHESE A PLAQUE ET BROCHES**
[72] WORCEL, ALEXANDRE, FR
[73] LAUMONIER, BRUNO, FR
[73] ATELIERS LAUMONIER SAS, FR
[73] WORCEL, MANUEL, FR
[73] PAOLI, ALBERT, FR
[73] PAOLI, JEAN, FR
[73] WORCEL, MARIE, FR
[73] PAOLI, MYRIAM, FR
[73] LAUMONIER, ALAIN, FR
[73] LAUMONIER, YVES, FR
[73] LAUMONIER, NICOLAS, FR
[73] PAOLI, EDOUARD, FR
[73] LAUMONIER, REMI, FR
[73] LOMBARDO-FIAULT, BERNARD, FR
[73] WORCEL, JULIA, FR
[73] WORCEL, ALEXANDRE, FR
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[51] **Int.Cl. A47J 45/07 (2006.01)**
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[54] **RELEASABLE CONNECTION BETWEEN A HANDLE AND A PAN, AND A PAN WITH SAID CONNECTION**
[54] **ASSEMBLAGE LIBERABLE ENTRE UN MANCHE ET UNE POELE, POELE COMPRENANT UN TEL MANCHE**
[72] BOGANI, GIUSEPPE, IT
[73] GBB SRL, IT
[85] 2013-11-08
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[54] **SUPERVISED DATA TRANSFER**
[54] **TRANSFERT DE DONNEES SUPERVISE**
[72] HARRISON, HENRY NOEL ARNOLD, GB
[72] COOPER, BRENTON SHANE, AU
[72] WESTMACOTT, JASON ROSS, AU
[73] BAE SYSTEMS PLC, GB
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[25] EN
[54] **POSITIONING SYSTEMS AND METHODS AND LOCATION BASED MODIFICATION OF COMPUTING DEVICE APPLICATIONS**
[54] **SYSTEMES ET PROCEDES DE POSITIONNEMENT ET MODIFICATION BASEE SUR L'EMPLACEMENT D'APPLICATIONS DE DISPOSITIF DE CALCUL**
[72] MAOR, VADIM, IL
[73] WISE-SEC LTD., IL
[85] 2013-11-18
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[54] **FLYING ELECTRIC GENERATORS WITH UNDISTURBED AIR ROTORS**
[54] **GENERATEURS ELECTRIQUES VOLANTS DOTES DE ROTORS A AIR NON PERTURBES**
[72] WEDDENDORF, BRUCE, US
[72] AUSTIN, COLIN, US
[72] MERCIER, GREG, US
[72] AUSTIN, ROBERT, US
[73] SKY WINDPOWER CORPORATION, US
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[54] **CANNABINOID RECEPTOR BINDING AGENTS, COMPOSITIONS AND METHODS**
[54] **PROCEDES, COMPOSITIONS ET AGENTS DE LIAISON DE RECEPTEUR CANNABINOIDE**
[72] BEVIER, JONATHAN, US
[73] PATCHTEK INC., US
[85] 2014-01-02
[86] 2012-07-05 (PCT/US2012/045613)
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[30] US (61/504,655) 2011-07-05
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[54] **SYSTEM AND METHOD FOR MOMENT TENSOR MIGRATION IMAGING**
[54] **SYSTEME ET PROCEDE POUR L'IMAGERIE DE LA MIGRATION D'UN TENSEUR DE MOMENT**
[72] CHAMBERS, CHRISTOPHER, GB
[72] WILSON, STEPHEN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-01-14
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[54] **INSULATED CONTAINER**
[54] **CONTENANT ISOLE**
[72] LESER, CHRIS K., US
[72] DRISKILL, PHILIP A., US
[72] WALLACE, CHARLES T., US
[72] EULER, JOHN B., US
[72] PALADINO, JASON J., US
[72] MARAVICH, MILAN C., US
[72] DAVIS, DANIEL O., US
[72] MANN, JEFFREY A., US
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[73] BERRY PLASTICS CORPORATION, US
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[54] **NOVEL A2M FRAGMENTS AND APPLICATIONS THEREOF**
[54] **FRAGMENTS A2M ET LEURS APPLICATIONS**
[72] BATXELLI, ISABELLE CATHERINE, FR
[72] WATELET, BENEDICTE, FR
[73] BIO-RAD INNOVATIONS, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[54] **BEVERAGE DISPENSER WITH IMPROVED REFILLING OPERATION**
[54] **DISTRIBUTEUR DE BOISSON A OPERATION DE REMPLISSAGE AMELIOREE**
[72] REY, CEDRIC, CH
[72] SCORRANO, LUCIO, CH
[72] ZSOLT, ALBERT, CH
[73] NESTEC S.A., CH
[85] 2014-01-23
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[54] **METHOD FOR THE PREPARATION OF A HEAT STABLE OXYGEN CARRIER-CONTAINING COMPOSITION FACILITATING BETA-BETA CROSS-LINKING**
[54] **PROCEDE PERMETTANT DE PREPARER UNE COMPOSITION CONTENANT UN TRANSPORTEUR D'OXYGENE THERMOSTABLE**
[72] WONG, BING LOU, US
[72] KWOK, SUI YI, CN
[72] BUTT, KWOK CHU, CN
[73] BILLION KING INTERNATIONAL LIMITED, HK
[85] 2014-02-06
[86] 2012-08-23 (PCT/US2012/051959)
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[25] EN
[54] **TEST METHOD FOR AN ELEVATOR SYSTEM AND A MONITORING DEVICE FOR CARRYING OUT THE TEST METHOD**
[54] **PROCEDE DE TEST D'UN SYSTEME D'ASCENSEUR ET DISPOSITIF DE SURVEILLANCE PERMETTANT DE METTRE EN ŒUVRE LEDIT PROCEDE DE TEST**
[72] SONNENMOSER, ASTRID, CH
[72] MICHEL, DAVID, CH
[72] HESS, MARTIN, CH
[73] INVENTIO AG, CH
[85] 2014-02-06
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[25] EN
[54] **BEARING ASSEMBLY FOR A VERTICAL TURBINE PUMP**
[54] **ENSEMBLE DE SUPPORT POUR UNE POMPE A TURBINE VERTICALE**
[72] BOLDT, DANIEL E., US
[73] WEIR FLOWAY, INC., US
[85] 2014-02-14
[86] 2012-08-16 (PCT/US2012/051094)
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[54] **CONVERTIBLE ZERO-CLEARANCE CIRCULAR SAW**
[54] **SCIE CIRCULAIRE CONVERTIBLE A JEU NUL**
[72] CUZDEY, JACOB, US
[73] CUZ-D MANUFACTURING, INC., DBA CUZDEY R&D, US
[85] 2014-02-18
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[25] EN
[54] **SYSTEMS AND METHODS FOR GENERATING A LARGE SCALE POLYGONAL MESH**
[54] **SYSTEMES ET PROCEDES POUR GENERER DES MAILLES DE POLYGONE A GRANDE ECHELLE**
[72] MASRY, MARK, CA
[73] TELEDYNE CARIS, INC., US
[86] (2846327)
[87] (2846327)
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[54] **SYSTEMS AND METHODS FOR AUTHORIZING A TRANSACTION WITH AN UNEXPECTED CRYPTOGRAM**
[54] **SYSTEMES ET PROCEDES DESTINES A AUTORISER UNE TRANSACTION AVEC UN CRYPTOGRAMME INATTENDU**
[72] YEAGER, C. DOUGLAS, US
[73] YEAGER, DOUG, US
[85] 2014-02-24
[86] 2012-08-30 (PCT/US2012/053129)
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[30] US (61/575,846) 2011-08-30
[30] US (61/573,476) 2011-09-06
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[51] **Int.Cl. G06F 3/048 (2013.01) G06F 3/14 (2006.01)**
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[54] **ARRANGING TILES**
[54] **AGENCEMENT DE PAVES**
[72] LEONARD, CHANTAL M., US
[72] KUEHNLE, HOLGER, US
[72] WHYTOCK, JOHN C., US
[72] DEUTSCH, REBECCA, US
[72] MINER, PATRICE L., US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[51] **Int.Cl. H01R 11/30 (2006.01) H01R 13/635 (2006.01)**
[25] EN
[54] **COMPACT CONNECTION SYSTEM FOR MAINS SWITCHGEAR**
[54] **SYSTEME DE CONNEXION COMPACT POUR APPAREILLAGE DE RESEAU ELECTRIQUE**
[72] PONS GONZALEZ, CARLES, ES
[73] SMILICS TECHNOLOGIES, S.L., ES
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[86] 2012-10-17 (PCT/ES2012/070715)
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[25] EN
[54] **ANALYSIS OF DRILLSTRING DYNAMICS USING A ANGULAR RATE SENSOR**
[54] **ANALYSE DE LA DYNAMIQUE D'UN TRAIN DE TIGES DE FORAGE UTILISANT UN CAPTEUR DE VITESSE ANGULAIRE**
[72] BARTEL, ROGER P., US
[72] BERNS, RICHARD, US
[72] MAULDIN, CHARLES L., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[51] **Int.Cl. B29D 35/10 (2010.01) B29D 35/00 (2010.01) A43B 23/02 (2006.01)**
[25] EN
[54] **MANUFACTURING PROCESS FOR THE PRODUCTION OF FLEXIBLE THREE-DIMENSIONAL ITEMS**
[54] **PROCEDE DE FABRICATION POUR LA PRODUCTION D'ELEMENTS TRIDIMENSIONNELS FLEXIBLES**
[72] HERNANDEZ HERNANDEZ, ADRIAN, ES
[73] SIMPLICITY WORKS EUROPE, S.L., ES
[85] 2014-04-04
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[87] (WO2013/050634)
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[54] **WING LOCKING ASSEMBLY FOR AN AGRICULTURAL IMPLEMENT**
[54] **ENSEMBLE DE VERROUILLAGE D'ELEMENTS LATERAUX POUR OUTIL AGRICOLE**
[72] STETTNER, CAMERON WADE, CA
[72] NAYLOR, MATTHEW STUART, CA
[72] FRIGGSTAD, TERRANCE ALAN, CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
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[54] **LITHIUM SILICATE GLASS CERAMIC AND GLASS WITH PENTAVALENT METAL OXIDE**
[54] **VITROCERAMIQUE ET VERRE EN SILICATE DE LITHIUM, AYANT UN OXYDE METALLIQUE PENTAVALENT**
[72] RITZBERGER, CHRISTIAN, CH
[72] APEL, ELKE, CH
[72] HOLAND, WOLFRAM, LI
[72] RHEINBERGER, VOLKER, LI
[73] IVOCLAR VIVADENT AG, LI
[85] 2014-04-09
[86] 2012-10-11 (PCT/EP2012/070223)
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[30] EP (11185339.6) 2011-10-14

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[54] **MODULATION OF MACROPHAGE ACTIVATION**
[54] **MODULATION DE L'ACTIVATION DES MACROPHAGES**
[72] HAEGEL, HELENE, FR
[72] HALLET, REMY, FR
[73] TRANSGENE SA, FR
[85] 2014-04-10
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|[54] **ROBOTIC-MOUNTED MONUMENT SYSTEM FOR METROLOGY SYSTEMS**
|[54] **SYSTEME DE MONUMENT ROBOTISE POUR LES DISPOSITIFS DE METROLOGIE**
|[72] COBB, JAMES M., US
|[72] TRAUTMAN, PETER FREDERICK, US
|[72] SJOHOLM, PAUL FREDRIC, US
|[73] THE BOEING COMPANY, US
|[86] (2852519)
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|[54] **ROLLING CAR SEAT**
|[54] **SIEGE-BEBE ROULANT**
|[72] COOTE, KATHY, US
|[72] COOTE, OMAR, US
|[73] COOTE, KATHY, US
|[73] COOTE, OMAR, US
|[85] 2014-04-16
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|[25] EN
|[54] **MULTILAYER FLEXIBLE ELEMENT, PREFERABLY MADE OF WOOD, AND RELATED PRODUCTION PROCESS BY LASER ENGRAVING AND/OR CUTTING**
|[54] **ELEMENT FLEXIBLE MULTICOUCHE, DE PREFERENCE CONSTITUE DE BOIS, ET PROCESSUS DE PRODUCTION CONNEXE PAR GRAVURE AU LASER ET/OU USINAGE PAR LASER**
|[72] ANTONELLI, MARCELLO, IT
|[72] ANTONELLI, MARTA, IT
|[73] MY MANTRA S.R.L., IT
|[85] 2014-04-16
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|[54] **DEFENSIVE TECHNIQUES TO INCREASE COMPUTER SECURITY**
|[54] **TECHNIQUES DEFENSIVES VISANT A AUGMENTER LA SECURITE D'UN ORDINATEUR**
|[72] NORTHUP, ERIC R., US
|[73] GOOGLE LLC, US
|[85] 2014-04-22
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|[54] **MARKING IMPLEMENT**
|[54] **INSTRUMENT D'ECRITURE**
|[72] CANDELA, MASSIMO, IT
|[73] F.LL.A. - FABBRICA ITALIANA LAPIS ED AFFINI S.P.A., IT
|[86] (2853819)
|[87] (2853819)
|[22] 2014-06-05
|[30] EP (13425083.6) 2013-06-17

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|[25] EN
|[54] **TOPICAL PREPARATION CONTAINING NGF FOR INDUCING SKIN PIGMENTATION AND FOR THE TREATMENT OF CUTANEOUS DYSCHROMIAS AND VITILIGO**
|[54] **PREPARATION TOPIQUE CONTENANT UN NGF POUR L'INDUCTION DE PIGMENTATION CUTANEE ET LE TRAITEMENT DE DYSCHROMIES CUTANEES ET DE VITILIGO**
|[72] LIOTTA, SILVANA, IT
|[73] BIOMED VENTURE S.R.L. SOCIETA UNIPERSONALE, IT
|[85] 2014-05-01
|[86] 2012-11-02 (PCT/IT2012/000336)
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|[30] IT (RM2011A000574) 2011-11-02

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|[25] EN
|[54] **DEVICE AND SYSTEM FOR GAS LEAKAGE DETECTION AND ALARM**
|[54] **DISPOSITIF DE DETECTION DE FUITE DE GAZ ET ALARME**
|[72] HANSSON, BO, LU
|[73] LOGICO 2 INTERNATIONAL AB, SE
|[85] 2014-05-20
|[86] 2012-07-06 (PCT/SE2012/050811)
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|[30] SE (1150715-9) 2011-07-20

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[13] C
[51] **Int.Cl. H04W 76/11 (2018.01)**
[25] EN
[54] **TRANSPORT OF LCS-RELATED MESSAGES FOR LTE ACCESS**
[54] **TRANSPORT DE MESSAGES LIES A DES LCS POUR UN ACCES A UN EQUIPEMENT TERMINAL DE LIGNE (LTE)**
[72] EDGE, STEPHEN W., US
[72] BURROUGHS, KIRK ALLAN, US
[72] SUBRAMANIAN, RAMACHANDRAN, US
[73] QUALCOMM INCORPORATED, US
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[72] SITES, O. ANGUS, US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **ACTIVE INTERFERENCE-NOISE CANCELLATION DEVICE, AND A METHOD IN RELATION THERETO**
[54] **DISPOSITIF D'ANNULATION ACTIVE DU BRUIT DU AUX BROUILLAGES ET PROCEDE AFFERANT**
[72] SAMUELSSON, MAGNUS, SE
[73] ST. JUDE MEDICAL COORDINATION CENTER BVBA, BE
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[54] **METHODS FOR TREATING HYPERURICEMIA IN PATIENTS WITH GOUT USING HALOFENATE OR HALOFENIC ACID AND A SECOND URATE-LOWERING AGENT**
[54] **PROCEDES DE TRAITEMENT DE L'HYPERURICEMIE CHEZ DES PATIENTS ATTEINTS DE GOUTTE, AU MOYEN D'HALOFENATE OU D'ACIDE HALOFENIQUE ET D'UN SECOND AGENT DE REDUCTION D'URATE**
[72] ROBERTS, BRIAN K., US
[72] SAHA, GOPAL CHANDRA, US
[72] LAVAN, BRIAN EDWARD, US
[72] MCWHERTER, CHARLES A., US
[73] CYMABAY THERAPEUTICS, INC., US
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[54] **MOLECULE D'ANTICORPS BISPECIFIQUE ET UTILISATION ASSOCIEE EN VUE DU TRAITEMENT DE MALADIE PROLIFERATIVE**
[72] JUNG, GUNDRAM, DE
[72] DURBEN, MICHAEL, DE
[72] GROSSE-HOVEST, LUDGER, DE
[73] SYNIMMUNE GMBH, DE
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[54] **PROCEDE ET SYSTEME POUR FOURNIR DES RESULTATS DE RECHERCHE BASES SUR LA VIDEO**
[72] KAUSHAL, GOVIND, US
[72] DANDEKAR, JAI, US
[72] CHITTAR, NAREN, US
[72] KOPPAKA, BHANU, US
[72] SHEELEY, JOHN, US
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[54] **METHOD AND DEVICE FOR RECOGNIZING AND REMOVING UNDESIRED ARTIFACTS IN MULTICHANNEL MAGNETIC FIELD OR ELECTRIC POTENTIAL MEASUREMENTS**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE RECONNAITRE ET DE SUPPRIMER DES ARTEFACTS NON SOUHAITES DANS LES MESURES DE POTENTIEL ELECTRIQUE ET DE CHAMP MAGNETIQUE A CANAUX MULTIPLES**
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[72] TAULU, SAMU, FI
[72] KAJOLA, MATTI, FI
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[54] **DISPOSITIFS IMPLANTABLES ET PROCEDES POUR L'EVALUATION D'UN AGENT ACTIF**
[72] TEPPER, ROBERT L., US
[72] FULLER, JASON, US
[72] JONAS, OLIVER, US
[72] SANTINI, JOHN, US
[73] KIBUR MEDICAL, INC., US
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[54] **PRODUIT MOULE PAR INJECTION POSSEDANT UN ELEMENT TRIDIMENSIONNEL DE SECURITE ET PROCEDE DE FABRICATION ASSOCIE**
[72] KIM, JONG-JAE, KR
[72] JOO, SUNG-HYUN, KR
[72] PARK, BYEONG-HUN, KR
[72] KANG, MYUNG-SEUK, KR
[73] KOREA MINTING, SECURITY PRINTING & ID CARD OPERATING CORP., KR
[73] 3SMK CO., LTD., KR
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[54] **PLAQUE VISSEE POUR OSTEOSYNTHESE ELASTIQUE**
[72] BOTTLANG, MICHAEL, US
[72] MADEY, STEVEN M., US
[72] WIRTZ, KYLE, US
[72] TSAI, STANLEY, US
[73] ZIMMER, INC., US
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[54] **ENSEMBLE A CLIQUET ET A ROCHET ET MECANISME D'ENTRAINEMENT A CAPTEUR ROTATIONNEL**
[72] FARR, THOMAS C., US
[72] KLEIN, KEVIN L., US
[72] BRENNER, MARK W., US
[72] KOTTKE, KEVIN D., US
[72] WULF, JASON D., US
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[73] GOMACO CORPORATION, US
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[54] **PROCEDE DE SEPARATION ET REFORMAGE DE GAZ DE SYNTHESE**
[72] JEWELL, RICHARD PETER GLYNN, CA
[72] GAUCHER, MELISSA, CA
[72] DENOMME, LOUIS, CA
[73] ENERKEM, INC., CA
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[54] **SYSTEME ET METHODE DE CONCENTRATION DE GAZ**
[72] RICHEY, JOSEPH B., II, US
[72] DANIELS, WILLIAM J., US
[73] INVACARE CORPORATION, US
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[54] **PROCEDE ET APPAREIL DE MOULAGE PAR COMPRESSION DE PIECES THERMOPLASTIQUES RENFORCEES DE FIBRES**
[72] FISHER, EDWARD M., JR., US
[73] THE BOEING COMPANY, US
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[54] **MECANISME D'ENTRAINEMENT DIRECT POUR POMPE**
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[73] T & E PUMPS LTD., CA
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[54] **APPAREIL D'ELIMINATION DES DECHETS MEDICAUX**
[72] PENNINGS, BERT, AU
[72] HART, CHRIS, AU
[73] CATILINA NOMINEES PTY LTD, AU
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[25] EN
[54] **A METHOD FOR MEASURING TEMPERATURE, MOLECULAR NUMBER DENSITY, AND/OR PRESSURE OF A GASEOUS COMPOUND FROM A THERMAL DEVICE, AND A THERMAL SYSTEM**
[54] **PROCEDE DE MESURE DE LA TEMPERATURE, DE LA DENSITE MOLECULAIRE OU DE LA PRESSION D'UN COMPOSE GAZEUX A PARTIR D'UN DISPOSITIF THERMIQUE, ET SYSTEME THERMIQUE**
[72] TOIVONEN, JUHA, FI
[72] AALTO, ANTTI, FI
[72] SAREN, MATTI, FI
[72] ROPPO, JUHA, FI
[73] VALMET TECHNOLOGIES OY, FI
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[72] HEAU, CHRISTOPHE, FR
[72] BOMBILLON, LAURENT, FR
[72] MAURIN-PERRIER, PHILIPPE, FR
[73] H.E.F., FR
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[54] **PROCEDE ET SYSTEME POUR ANALYSE DE DEBLAIS TOMOGRAPHIQUE ASSISTEE PAR ORDINATEUR A PLUSIEURS ENERGIES**
[72] GRADER, AVRAMI, US
[72] DERZHI, NAUM, US
[72] GUZMAN, BRYAN, US
[73] INGRAIN, INC., US
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[54] **MODULE THERMOELECTRIQUE, ECHANGEUR THERMIQUE, SYSTEME DE GAZ D'ECHAPPEMENT ET MOTEUR A COMBUSTION INTERNE**
[72] OESTERLE, JORG JOHANNES, DE
[72] RESCH, ANDREAS, DE
[72] LEICHT, SEBASTIAN, DE
[72] SPIETH, ARNULF, DE
[72] TCHAMGOUE, HERVE, DE
[73] EBERSPACHER EXHAUST TECHNOLOGY GMBH & CO. KG, DE
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[54] **TRANSITIONS ENTRE JEUX DE SERVICES ETENDUS DANS DES RESEAUX SANS FIL**
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[72] MONTEMURRO, MICHAEL PETER, CA
[73] BLACKBERRY LIMITED, CA
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[54] **ELECTRICAL ENERGY MANAGEMENT AND MONITORING SYSTEM, AND METHOD**
[54] **PROCEDE ET SYSTEME DE SURVEILLANCE ET DE GESTION D'ENERGIE ELECTRIQUE**
[72] WARWICK, TIMOTHY J., US
[72] VANDER TILL, GERALD N., US
[72] SIMMS, MATTHEW J., US
[72] BURDI, ROGER D., US
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[54] **SYSTEME AUTONOME ET PROCEDE D'EVITEMENT DE DEBRIS ORBITAUX POUR SATELLITE**
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[73] M-I L.L.C., US
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[25] EN
[54] **HIGH-STRENGTH ELECTRIC-RESISTANCE-WELDED STEEL PIPE OF EXCELLENT LONG-TERM SOFTENING RESISTANCE IN INTERMEDIATE TEMPERATURE RANGES, AND METHOD FOR PRODUCING SAME**
[54] **TUYAU EN ACIER SOUDE PAR RESISTANCE ELECTRIQUE A RESISTANCE ELEVEE D'EXCELLENTE RESISTANCE AU RAMOLLISSEMENT A LONG TERME DANS DES PLAGES DE TEMPERATURE INTERMEDIAIRES ET SON PROCEDE DE FABRICATION**
[72] TOYODA, SHUNSUKE, JP
[72] GOTO, SOTA, JP
[72] OKABE, TAKATOSHI, JP
[72] INOUE, TOMOHIRO, JP
[73] JFE STEEL CORPORATION, JP
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[54] **NOUVELLES 7H-PYRROLO[2,3-D]PYRIMIDINES SUBSTITUEES PAR UN GROUPE AMINO EN POSITION 4, UTILISEES COMME INHIBITEURS DE LRRK2**
[72] GALATSIS, PAUL, US
[72] HAYWARD, MATTHEW MERRILL, US
[72] HENDERSON, JACLYN, US
[72] KORMOS, BETHANY LYN, US
[72] KURUMBAIL, RAVI G., US
[72] STEPAN, ANTONIA FRIEDERIKE, US
[72] VERHOEST, PATRICK ROBERT, US
[72] WAGER, TRAVIS T., US
[72] ZHANG, LEI, US
[73] PFIZER INC., US
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[54] **BLINDAGE**
[72] MORAN, ANTHONY, GB
[72] DAVIES, CHRISTOPHER, GB
[73] NP AEROSPACE LIMITED, GB
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[54] **PROCESS AND INTERMEDIATES FOR PREPARING INTEGRASE INHIBITORS**
[54] **PROCEDE ET INTERMEDIAIRES POUR PREPARER DES INHIBITEURS D'INTEGRASE**
[72] PCION, DOMINIKA, US
[72] TOMASI, CARRIE, US
[72] WHITCOMB, MARK CHARLES, US
[72] DOWDY, ERIC D., US
[72] FU, WENYI, US
[72] MACLEOD, PATRICIA, US
[73] GILEAD SCIENCES, INC., US
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[54] **ELEMENT DE CONTACT**
[72] TATZEL, FRANK, AT
[72] SCHIELE, GEORG, DE
[72] THIES, STEFFEN, AT
[73] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
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[54] **DERIVE DE LA XANTHINE**
[72] WANG, YING, CN
[72] XIANG, YONGZHE, CN
[72] CEN, GUODONG, CN
[72] HUANG, LONG, CN
[72] LIU, JIAN, CN
[72] ZHOU, NING, CN
[72] ZHANG, JIBING, CN
[73] CHENGDU EASTON BIOPHARMACEUTICALS CO., LTD., CN
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[54] **METHODS FOR HANDLING COAL PROCESSING EMISSIONS AND ASSOCIATED SYSTEMS AND DEVICES**
[54] **PROCEDES DE PRISE EN CHARGE DES EMISSIONS RESULTANT DU TRAITEMENT DU CHARBON ET SYSTEMES ET DISPOSITIFS ASSOCIES**
[72] RODGERS, BRADLEY THOMAS, US
[72] PRIEN, JUSTIN LEIGH, US
[72] GILL, MATT WILLIAM, US
[72] QUANCI, JOHN FRANCIS, US
[72] SARPEN, JACOB PETER, US
[73] SUNCOKE TECHNOLOGY AND DEVELOPMENT LLC, US
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[72] BROWN, JAMES RANDALL, US
[73] KEMKEY, LLC, US
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[54] PROCEDE ET APPAREIL POUR IDENTIFIER UN SUSPECT PAR L'INTERMEDIAIRE DE MULTIPLES IDENTITES DE DISPOSITIF MISES EN CORRELATION
[72] MILLER, TRENT J., US
[72] BEKIARES, TYRONE D., US
[72] COLLINS, TIMOTHY J., US
[72] MONKS, DEBORAH J., US
[73] MOTOROLA SOLUTIONS, INC., US
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[72] SOLOVEY, DMITRIY ALEXANDROVICH, US
[72] VENDROW, VLAD, US
[73] RINGCENTRAL, INC., US
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[73] HANES OPERATIONS EUROPE SAS, FR
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[54] BOXEUR EN TRICOT A PIECE D'ENTRE-JAMBES AMELIOREE ET METHODE DE FABRICATION ASSOCIEE
[72] BLIBECH, RAGHEB, FR
[73] HANES OPERATIONS EUROPE SAS, FR
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[72] LIN, AVI, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] PIECE DE REPARATION DE NIDS DE POULE ET PROCEDE D'INSTALLATION
[72] GEARY, TIMOTHY, US
[73] AMERICAN ROAD PATCH, LLC, US
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[54] DISPOSITIFS ET PROCEDE PERMETTANT DE CONTROLER L'ACCES A UN COMPTE
[72] EYLER, DAVID RANDOLPH, US
[73] SLING MEDIA INC., US
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[54] **DISPOSITIF DE REDUCTION DE LA RESISTANCE**
[72] VOGEL, JOHN, US
[72] REEDER, RYAN, US
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[73] AERO INDUSTRIES, INC., US
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[54] **PROCEDE DE PREPARATION D'UN CATALYSEUR DE FISCHER-TROPSCH**
[72] VAN RENSBURG, HENDRIK, GB
[73] SASOL TECHNOLOGY (PROPRIETARY) LIMITED, ZA
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[54] **TOUR EN COMPOSITE POUR LIGNES DE TRANSMISSION D'ELECTRICITE DU RESEAU ELECTRIQUE ET STRUCTURE ASSOCIEE A BRAS TRANSVERSAL EN COMPOSITE**
[72] MA, BIN, CN
[72] ZHU, YONG, CN
[72] YU, JIE, CN
[72] CAO, WEIDI, CN
[72] LIU, XIZHONG, CN
[73] JIANGSU SHENMA ELECTRIC CO., LTD., CN
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[54] **SYSTEME ET PROCEDE DE PAIEMENT**
[72] MOSHAL, MARTIN PAUL, GI
[73] GELLINER LIMITED, GB
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[54] **THERMOMETRE MEDICAL AYANT UN SYSTEME OPTIQUE AMELIORE**
[72] YILDIZYAN, ALEKSAN, US
[72] GORSICH, JAMES CHRISTOPHER, US
[73] KAZ EUROPE SA, CH
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[72] HARTMAN, CODY L., US
[73] W. L. GORE & ASSOCIATES, INC., US
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[54] **HERBAL SUPPLEMENTS AND METHODS OF USE THEREOF**
[54] **SUPPLEMENTS A BASE D'HERBES ET LEURS PROCEDES D'UTILISATION**
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[72] SCOTT, BRANDI M., US
[73] KBS RESEARCH, LLC, US
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[54] **IMPLANTABLE INTRALUMINAL DEVICE**
[54] **DISPOSITIF INTRALUMINAL IMPLANTABLE**
[72] JOHNSON, MATTHEW A., US
[73] W.L. GORE & ASSOCIATES, INC., US
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[54] **VIDEO ENCODING AND DECODING APPARATUS AND METHOD USING QUANTIZATION IN SUB-BLOCKS**
[54] **APPAREIL DE CODAGE ET DE DECODAGE VIDEO ET PROCEDE EMPLOYANT LA QUANTIFICATION EN SOUS-BLOCS**
[72] YAMORI, AKIHIRO, JP
[72] SAKAI, KIYOSHI, JP
[73] FUJITSU LIMITED, JP
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[54] **VIDEO ENCODING AND DECODING APPARATUS AND METHOD USING QUANTIZATION IN SUB-BLOCKS**
[54] **APPAREIL DE CODAGE ET DE DECODAGE VIDEO ET PROCEDE EMPLOYANT LA QUANTIFICATION EN SOUS-BLOCS**
[72] YAMORI, AKIHIRO, JP
[72] SAKAI, KIYOSHI, JP
[73] FUJITSU LIMITED, JP
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[54] **AUDIO DECODING WITH SUPPLEMENTAL SEMANTIC AUDIO RECOGNITION AND REPORT GENERATION**
[54] **DECODAGE AUDIO AVEC RECONNAISSANCE AUDIO SEMANTIQUE SUPPLEMENTAIRE ET GENERATION DE RAPPORTS**
[72] NEUHAUSER, ALAN, US
[72] STAVROPOULOS, JOHN, US
[73] THE NIELSEN COMPANY (US), LLC, US
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[54] **CONCEPT D'INTRODUCTION DE BRUIT**
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[72] GAYER, MARC, DE
[72] HELMRICH, CHRISTIAN, DE
[72] MARKOVIC, GORAN, DE
[72] LUIS VALERO, MARIA, DE
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[54] **METHOD AND DEVICE FOR INSTALLING MULTIPLE FIBER OPTIC CABLES IN COILED TUBING**
[54] **PROCEDE ET DISPOSITIF D'INSTALLATION DE CABLES A FIBRES OPTIQUES MULTIPLES DANS UN TUBE SPIRALE**
[72] MICHAELIS, MAXIMO GUSTAVO, US
[72] PARK, BRIAN V., US
[72] JAASKELAINEN, MIKKO, US
[72] DIXSON, KENNETH GLENN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **APPARATUS AND METHOD FOR PROCESSING AN ENCODED SIGNAL AND ENCODER AND METHOD FOR GENERATING AN ENCODED SIGNAL**
[54] **APPAREIL ET PROCEDE POUR TRAITER UN SIGNAL CODE, ET CODEUR ET PROCEDE POUR GENERER UN SIGNAL CODE**
[72] FUCHS, GUILLAUME, DE
[72] GRILL, BERNHARD, DE
[72] LUTZKY, MANFRED, DE
[72] MULTRUS, MARKUS, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **APPARATUS AND METHODS FOR HIGH THROUGHPUT SPERM SORTING**
[54] **APPAREIL ET PROCEDES POUR TRI DE SPERME A HAUT RENDEMENT**
[72] SHARPE, JOHNATHAN CHARLES, NZ
[72] BUCHANAN, KRIS, US
[72] SEDOGLAVICH, NEMANYA, US
[72] MORAD, BLAIR, US
[72] PERRAULT, DONALD FRANCIS, JR., US
[72] KOKSAL, ERIN, US
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[54] **INSERT ET PROCEDE POUR ANCRAGE DANS UN PANNEAU A AME**
[72] BURD, PETER JOHN LESLIE, GB
[72] NETI, VENKATA PRASANTH SUMAN, GB
[73] B/E AEROSPACE, INC., US
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[54] **MODELE DE LENTILLE A ZONE DE TRAITEMENT PLUS PUISSANT ET METHODE PERMETTANT DE PREVENIR OU DE RALENTIR LA PROGRESSION DE LA MYOPIE**
[72] BRENNAN, NOEL A., US
[72] CHEHAB, KHALED A., US
[72] CHENG, XU, US
[72] COLLINS, MICHAEL J., AU
[72] LAU, MANWAI CHARIS, US
[72] RITCHEY, ERIC R., US
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[73] JOHNSON & JOHNSON VISION CARE, INC., US
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[54] **RESILIENT ARTICLES AND METHODS OF MANUFACTURING THEREOF**
[54] **ARTICLES RESILIENTS ET METHODES DE FABRICATION ASSOCIEES**
[72] MACQUEEN, RICHARD C., US
[73] CONGOLEUM CORPORATION, US
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[72] DECARLO, ANTHONY J., US
[72] TAYLOR, CURTIS PATRICK, US
[72] PERELLA, DANIEL V., US
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[72] HOGAN, BRIAN, US
[73] SIEMENS INDUSTRY, INC., US
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[54] **PANE ARRANGEMENT WITH INFRARED-DAMPING COATING**
[54] **ENSEMBLE DE VITRES POURVU D'UN REVETEMENT ATTENUANT LES INFRAROUGES**
[72] SCHMIDT, SEBASTIAN, DE
[72] LAI, CHOUNG, US
[72] MAHFOUD-FAMILIA, AZIZ., US
[72] MASSAULT, LAETITIA, FR
[73] SAINT-GOBAIN GLASS FRANCE, FR
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[54] **INJECTOR TRAINING DEVICE**
[54] **DISPOSITIF DE FORMATION AU FONCTIONNEMENT D'UN INJECTEUR**
[72] SWANSON, KEVIN DAVID, US
[72] SUND, JULIUS, US
[73] ANTARES PHARMA, INC., US
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[54] **METHODS OF STIMULATING INFANT LUNG AND GUT MATURATION**
[54] **PROCEDES DE STIMULATION DE LA MATURATION INTESTINALE ET PULMONAIRE CHEZ LE NOURRISSON**
[72] LAI, CHRON-SI, US
[72] BUDDINGTON, RANDAL., US
[73] ABBOTT LABORATORIES, US
[85] 2015-09-04
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[54] **HIGH CAPACITY NAPKIN DISPENSER**
[54] **DISTRIBUTEUR DE SERVIETTES DE TABLE A GRANDE CAPACITE**
[72] CITTADINO, ANTONIO M., US
[72] MARONEY, DAVID R., US
[72] BURNS, BRENT J., US
[72] KISSINGER, KARL D., US
[72] KIRKPATRICK, ANDY L., US
[72] KILGORE, MICHAEL R., US
[72] BUDZ, GREGORY D., US
[73] GPCP IP HOLDINGS LLC, US
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[25] EN
[54] **NECK, SPINE, AND SPINAL CORD SUPPORT DEVICE FOR NEWBORN BABY AND INFANT, AND BLANKET ASSEMBLY FOR SAME**
[54] **DISPOSITIF DE SUPPORT DE COU, DE COLONNE VERTEBRALE ET DE MOELLE EPINIERE POUR NOUVEAU-NE ET NOURRISSON, ET ENSEMBLE COUVERTURE POUR CELUI-CI**
[72] PAPERNO, STEVEN, US
[73] PAPERNO, STEVEN, US
[85] 2015-09-09
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[51] **Int.Cl. H02G 1/00 (2006.01) H02G 3/12 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR AN ELECTRICAL BOX BLOCK BRACKET WITH TABS**
[54] **PROCEDE ET APPAREIL POUR UN SUPPORT DE BLOC COFFRET DE BRANCHEMENT A LANGUETTES**
[72] FOWLER, WILLIE FRANKLIN, JR., US
[73] FOWLER, WILLIE FRANKLIN, JR., US
[85] 2015-09-15
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[25] EN
[54] **OPTICAL CONFIGURATION FOR A COMPACT INTEGRATED DAY/NIGHT VIEWING AND LASER RANGE FINDING SYSTEM**
[54] **CONFIGURATION OPTIQUE D'UN SYSTEME COMPACT INTEGRE DE VISUALISATION JOUR/NUIT ET DE TELEMETRE LASER**
[72] SISNEY, BRENT L., US
[72] CHIPPER, ROBERT B., US
[72] JACKSON, JOHN, US
[73] RAYTHEON COMPANY, US
[85] 2015-09-25
[86] 2014-02-06 (PCT/US2014/015072)
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[54] **AIR FILTERING DEVICE**
[54] **DISPOSITIF DE FILTRATION D'AIR**
[72] GRUENBACHER, DANA PAUL, US
[72] SCHROECK, STEVEN JAMES, US
[72] LEON, JESSICA ELIZABETH, US
[72] DAL BO, PAOLO, DE
[72] SCHOBER, UWE, DE
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **CASING WEAR ESTIMATION**
[54] **ESTIMATION D'USURE DE CARTER**
[72] SAMUEL, ROBELLO, US
[72] ANIKET, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2015-10-23
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[51] **Int.Cl. G03G 15/06 (2006.01)**
[25] EN
[54] **TONER CARTRIDGE FOR USE IN AN IMAGE FORMING DEVICE**
[54] **CARTOUCHE DE TONER DESTINEE A ETRE UTILISEE DANS UN DISPOSITIF DE FORMATION D'IMAGES**
[72] ACOSTA, BENJER ALBARAN, PH
[72] AMANN, MARK WILLIAM, US
[72] CARTER, JAMES ANTHANY, US
[72] HACKNEY, GARY NEAL, US
[72] LACTUAN, KATRINA ROSIT, PH
[72] LEEMHUIS, JAMES RICHARD, US
[72] ROGERS, MATTHEW LEE, US
[72] SPROUL, RODNEY EVAN, US
[72] HALE, JASON, US
[72] PORTIG, HARALD, US
[72] SEAMAN, KEITH, US
[72] SCHARF, BRYAN CHRISTOPHER, US
[72] VOWELS, CHRISTOPHER GENE, US
[72] NEWMAN, BENJAMIN KEITH, US
[73] LEXMARK INTERNATIONAL, INC., US
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[25] EN
[54] **PHARMACEUTICAL COMPOSITION COMPRISING MODIFIED HEMOGLOBIN-BASED THERAPEUTIC AGENT FOR CANCER TARGETING TREATMENT AND DIAGNOSTIC IMAGING**
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT UN AGENT THERAPEUTIQUE A BASE D'HEMOGLOBINE MODIFIEE POUR UN TRAITEMENT DE CIBLAGE DU CANCER ET IMAGERIE DIAGNOSTIQUE**
[72] WONG, BING LOU, US
[72] WAI, NORMAN FUNG MAN, CA
[72] KWOK, SUI YI, CN
[72] WONG, MAN KIN, CN
[72] MAN, CORNELIA WING YIN, CN
[73] VISION GLOBAL HOLDINGS LTD., CN
[85] 2015-11-02
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[25] EN
[54] **FUEL CELL SYSTEM WITH IMPROVED WATER RESERVOIR PORTION**
[54] **SYSTEME DE PILE A COMBUSTIBLE EQUIPEE D'UNE PORTION DE RESERVOIR D'EAU AMELIOREE**
[72] NAGANO, SHUJI, JP
[72] TAKEYAMA, MAKOTO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2911594)
[87] (2911594)
[22] 2015-11-06
[30] JP (2014-232034) 2014-11-14

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[54] **TIMBER ACCESS MAT WITH GROUNDING**
[54] **TAPIS D'ACCES EN BOIS DOTE DE MISE A LA TERRE**
[72] KLEIN, ERIK D., US
[73] EDK INNOVATIONS, LLC, US
[86] (2911751)
[87] (2911751)
[22] 2015-11-09
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[30] US (62/092088) 2014-12-15

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[54] **PASSIVE MATTRESS SPINNER**
[54] **DISPOSITIF PASSIF DE ROTATION DE MATELAS**
[72] SCARLESKI, WILLIAM J., US
[73] LEVITATION SCIENCES LLC, US
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[87] (2912008)
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[51] **Int.Cl. G03G 15/08 (2006.01)**
[25] EN
[54] **VENTING SYSTEM FOR A TONER CARTRIDGE FOR USE WITH AN IMAGE FORMING DEVICE**
[54] **SYSTEME D'AERATION POUR UNE CARTOUCHE DE TONER POUR UTILISATION AVEC UN DISPOSITIF DE FORMATION D'IMAGE**
[72] LEEMHUIS, MICHAEL CRAIG, US
[72] LEEMHUIS, JAMES RICHARD, US
[73] LEXMARK INTERNATIONAL, INC., US
[85] 2015-11-09
[86] 2014-06-02 (PCT/US2014/040481)
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[30] US (61/834,903) 2013-06-14
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[51] **Int.Cl. F03D 1/00 (2006.01) B66C 1/10 (2006.01) F03D 1/06 (2006.01)**
[25] EN
[54] **METHOD FOR MOUNTING A WIND TURBINE ROTOR BLADE, AND WIND TURBINE ROTOR BLADE**
[54] **PROCEDE DE MONTAGE D'UNE PALE DE ROTOR D'EOLIENNE ET PALE DE ROTOR D'EOLIENNE**
[72] HOFFMANN, ALEXANDER, DE
[72] KNOOP, FRANK, DE
[72] KUIPER, GERRIT, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2015-11-27
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[51] **Int.Cl. H04B 5/02 (2006.01) B42D 25/305 (2014.01) G06K 19/07 (2006.01) H04B 1/59 (2006.01)**
[25] EN
[54] **NON-CONTACT COMMUNICATION METHOD DETERMINATION CIRCUIT, NON-CONTACT COMMUNICATION CIRCUIT, AND IC CARD**
[54] **CIRCUIT DE DETERMINATION DE PROCEDE DE COMMUNICATION SANS CONTACT, CIRCUIT DE COMMUNICATION SANS CONTACT, ET CARTE IC**
[72] KAWANO, MASAHARU, JP
[73] RICOH COMPANY, LTD., JP
[85] 2015-12-01
[86] 2014-06-02 (PCT/JP2014/065164)
[87] (WO2014/196646)
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[13] C
[51] **Int.Cl. E21B 12/02 (2006.01) E21B 47/00 (2012.01)**
[25] EN
[54] **ESTIMATING CASING WEAR**
[54] **ESTIMATION D'USURE DU TUBAGE**
[72] SAMUEL, ROBELLO, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2015-11-30
[86] 2013-07-03 (PCT/US2013/049295)
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[51] **Int.Cl. H04L 12/26 (2006.01) H04W 24/00 (2009.01) H04B 17/364 (2015.01) H04B 3/46 (2015.01)**
[25] EN
[54] **METHOD FOR PERFORMING A BANDWIDTH TEST FOR COMMINICATIONS FROM A FIRST NETWORK STATION TO A SECOND NETWORK STATION OF A COMMUNICATION NETWORK AND CORRESPONDING APPARATUSES FOR PERFORMING THE METHOD STEPS AND CORRESPONDING COMPUTER PROGRAM PRODUCTS**
[54] **PROCEDE D'EXECUTION D'UN TEST DE LARGEUR DE BANDE EN VUE DE COMMUNICATIONS D'UN PREMIER POSTE RESEAU A UN DEUXIEME POSTE RESEAU D'UN RESEAU DE COMMUNICATION ET APPAREILS CORRESPONDANTS DESTINES A EXECUTER LES ETAPES DU PROCEDE ET PRODUITS DE PROGRAMME INFORMATIQUE CORRESPONDANTS**
[72] SIEMENS, EDUARD, DE
[72] KACHAN, DIMITRY, DE
[73] HOCHSCHULE ANHALT, DE
[85] 2015-12-16
[86] 2015-05-18 (PCT/EP2015/025025)
[87] (2915487)

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[54] **POLISHED ROD ALIGNMENT SYSTEM**
[54] **DISPOSITIF D'ALIGNEMENT DE TIGES POLIES**
[72] BOLSTAD, CLARENCE A., JR., US
[73] BOLSTAD, CLARENCE A., JR., US
[86] (2915761)
[87] (2915761)
[22] 2015-12-22
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[54] **ENDODONTIC INSTRUMENTS**
[54] **INSTRUMENTS ENDODONTIQUES**
[72] SHOTTON, VINCENT, US
[72] AMMON, DAN, US
[73] DENTSPLY INTERNATIONAL INC., US
[85] 2015-12-21
[86] 2014-06-20 (PCT/US2014/043515)
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[25] EN
[54] **ENGINEERED POLYPEPTIDE CONJUGATES**
[54] **CONJUGUES DE POLYPEPTIDES MODIFIES**
[72] FARIAS, SANTIAGO ESTEBAN, US
[72] GALINDO CASAS, MERITXELL, US
[72] STROP, PAVEL, US
[73] RINAT NEUROSCIENCE CORP., US
[85] 2016-01-27
[86] 2014-07-30 (PCT/IB2014/063566)
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[25] EN
[54] **BACKING PLATE FOR ABRASIVE FLAP WHEELS**
[54] **PLAQUE DE RENFORT DESTINEE A DES ROUES A LAMELLES ABRASIVES**
[72] BRANDSTETTER, JOSEF, MX
[72] HERNANDEZ, ARMANDO RIOS, MX
[73] JOBRA METALL GMBH, DE
[73] INDUSTRIAS TENAZIT, S.A. DE C.V., MX
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[87] (2920092)
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[51] **Int.Cl. H04B 1/7156 (2011.01) H04B 1/7143 (2011.01)**
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[54] **SYNCHRONOUS FREQUENCY HOPPING SPREAD SPECTRUM COMMUNICATIONS**
[54] **COMMUNICATIONS A SPECTRE ETALE A SAUTS DE FREQUENCE SYNCHRONES**
[72] MASON, ROBERT T., JR., US
[72] SHUEY, KENNETH C., US
[72] HEMMINGER, RODNEY C., US
[72] CHANG, KUOR-HSIN, US
[73] ELSTER SOLUTIONS, LLC, US
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[51] **Int.Cl. A24F 47/00 (2006.01)**
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[54] **ELECTRONIC VAPOUR PROVISION SYSTEM**
[54] **SYSTEME DE DISTRIBUTION DE VAPEUR ELECTRONIQUE**
[72] LORD, CHRISTOPHER, GB
[72] MULLIN, MARTIN, GB
[73] NICOVENTURES HOLDINGS LIMITED, GB
[85] 2016-02-24
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[30] GB (1317851.2) 2013-10-09

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[51] **Int.Cl. H01M 8/02 (2016.01) H01M 8/10 (2016.01)**
[25] EN
[54] **SEPARATOR INCLUDING TILTED GAS FLOW PATH GROOVES THAT RETAIN WATER BY CAPILLARY FORCE AND FUEL CELL USING THE SAME**
[54] **SEPARATEUR COMPRENANT DES RAINURES DE PARCOURS D'ECOULEMENT DE GAZ INCLINEES QUI RETIENNENT L'EAU PAR CAPILLARITE ET PILE A COMBUSTIBLE EMPLOYANT LEDIT SEPARATEUR**
[72] KONNO, NORISHIGE, JP
[72] KANNO, DAISUKE, JP
[73] TOYOTA JIDOSHA KUBUSHIKI KAISHA, JP
[85] 2016-02-25
[86] 2014-10-01 (PCT/JP2014/005012)
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[51] **Int.Cl. G01N 25/72 (2006.01)**
[25] EN
[54] **INDUSTRIAL PROCESS DIAGNOSTICS USING INFRARED THERMAL SENSING**
[54] **DIAGNOSTICS DE PROCEDES INDUSTRIELS A L'AIDE DE LA DETECTION THERMIQUE PAR INFRAROUGE**
[72] RUD, JASON HAROLD, US
[73] ROSEMOUNT INC., US
[85] 2016-03-03
[86] 2014-08-19 (PCT/US2014/051628)
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[30] US (14/037,989) 2013-09-26

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[25] EN
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[54] PRODUITS DE SOINS PERSONNELS COMPRENANT UNE MATIERE COMPLEXANT LA CYCLODEXTRINE
[72] LEBLANC, MICHAEL JUDE, US
[72] SANKER, LOWELL ALAN, US
[72] SCAVONE, TIMOTHY ALAN, US
[72] SWITZER, ADRIAN GREGORY, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[22] 2008-02-28
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[54] PLUG AND PUMP SYSTEM FOR ROUTING PRESSURIZED FLUID
[54] SYSTEME DE TAMPON ET DE POMPE DESTINE A ACHEMINER UN FLUIDE SOUS PRESSION
[72] KENDRICK, WILLIAM D., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] COATING COMPOSITIONS FOR SHELL EGGS
[54] COMPOSITIONS D'ENROBAGE POUR □UFS EN COQUILLE
[72] YOUSEF, AHMED E., US
[72] YOUSEF, TARIK A., US
[72] KASLER, DAVID, US
[73] OHIO STATE INNOVATION FOUNDATION, US
[85] 2016-03-11
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[25] EN
[54] ARYLALKYL ESTERS OF 4-AMINO-6-(SUBSTITUTED PHENYL)PICOLINATES AND ITS USE AS HERBICIDES
[54] ESTERS D'ARYLALKYLE DE 4-AMINO-6-(PHENYLE SUBSTITUE)PICOLINATES
[72] YERKES, CARLA N., US
[72] LOWE, CHRISTIAN T., US
[72] ECKELBARGER, JOSEPH D., US
[72] EPP, JEFFREY B., US
[72] GUENTHENSPBERGER, KATHERINE A., US
[72] SIDDALL, THOMAS L., US
[72] SCHMITZER, PAUL R., US
[73] DOW AGROSCIENCES LLC, US
[86] (2925262)
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[25] EN
[54] AUTO-SHUTOFF COUPLING
[54] COUPLAGE A ARRET AUTOMATIQUE
[72] PHILLIPS, GRANT WESLEY, US
[72] WILLIAMS, DEREK M., US
[73] APPLIED MEDICAL TECHNOLOGY, INC., US
[85] 2016-03-23
[86] 2014-11-26 (PCT/US2014/067595)
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[30] US (61/914,039) 2013-12-10

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[51] Int.Cl. H01M 10/0568 (2010.01) H01M 10/0569 (2010.01) H01G 11/06 (2013.01) H01G 11/60 (2013.01) H01G 11/62 (2013.01)
[25] EN
[54] ELECTROLYTIC SOLUTION, FOR ELECTRICAL STORAGE DEVICES SUCH AS BATTERIES AND CAPACITORS, CONTAINING SALT WHOSE CATION IS ALKALI METAL, ALKALINE EARTH METAL, OR ALUMINUM, AND ORGANIC SOLVENT HAVING HETEROELEMENT, METHOD FOR PRODUCING SAID ELECTROLYTIC SOLUTION, AND CAPACITOR INCLUDING SAID ELECTROLYTIC SOLUTION
[54] SOLUTION D'ELECTROLYTE POUR DISPOSITIFS DE STOCKAGE D'ELECTRICITE TELS QUE DES BATTERIES ET DES CONDENSATEURS CONTENANT DU SEL, UN METAL ALCALIN, UN METAL TERREUX ALCALIN OU DE L'ALUMINIUM SERVANT DE CATIONS, ET UN SOLVANT ORGANIQUE POSSEDANT UN HETERO-ELEMENT, PROCEDE DE PRODUCTION DE CELLE-CI, ET CONDENSATEUR MUNI DE LADITE SOLUTION D'ELECTROLYTE
[72] YAMADA, ATSUO, JP
[72] YAMADA, YUKI, JP
[72] KAWAI, TOMOYUKI, JP
[72] HASEGAWA, YUKI, JP
[72] NAKAGAKI, YOSHIHIRO, JP
[72] MASE, KOHEI, JP
[72] MIYOSHI, MANABU, JP
[72] NIWA, JUNICHI, JP
[72] GODA, NOBUHIRO, JP

[73] THE UNIVERSITY OF TOKYO, JP
[73] KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JP
[85] 2016-03-24
[86] 2014-09-25 (PCT/JP2014/004913)
[87] (WO2015/045389)
[30] JP (2013-198303) 2013-09-25
[30] JP (2013-198414) 2013-09-25
[30] JP (2013-198556) 2013-09-25
[30] JP (2013-198598) 2013-09-25
[30] JP (2013-198595) 2013-09-25
[30] JP (2013-255097) 2013-12-10
[30] JP (2013-255087) 2013-12-10
[30] JP (2013-255075) 2013-12-10
[30] JP (2014-186295) 2014-09-12
[30] JP (2014-186296) 2014-09-12
[30] JP (2014-186297) 2014-09-12
[30] JP (2014-186298) 2014-09-12
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[51] **Int.Cl. F04B 43/12 (2006.01) A61M 5/142 (2006.01)**
[25] EN
[54] **CERTIFICATION CASSETTE AND RELATED METHODS**
[54] **CASSETTE DE CERTIFICATION ET PROCEDES ASSOCIES**
[72] GAINES, ROBERT, US
[72] HOLSTE, JOHN, US
[72] KNAUPER, CHRISTOPHER, US
[72] WIESNER, JOEL, US
[73] KPR U.S., LLC, US
[85] 2016-03-24
[86] 2014-09-30 (PCT/US2014/058201)
[87] (WO2015/048709)
[30] US (61/884,665) 2013-09-30

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[51] **Int.Cl. B01J 37/04 (2006.01) B01J 27/18 (2006.01) B01J 35/02 (2006.01) B01J 37/00 (2006.01) B01J 37/08 (2006.01)**
[25] EN
[54] **CATALYST FOR PRODUCING BIO-BASED ACRYLIC ACID AND ITS DERIVATIVES AND THE METHOD FOR MAKING THEREOF**
[54] **CATALYSEUR POUR PRODUIRE UN ACIDE ACRYLIQUE BIO-RESSOURCE ET SES DERIVES, ET SON PROCEDE DE PRODUCTION**
[72] VELASQUEZ, JUAN ESTEBAN, US
[72] COLLIAS, DIMITRIS IOANNIS, US
[72] GODLEWSKI, JANE ELLEN, US
[72] LINGOES, JANETTE VILLALOBOS, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **HOLDER FOR A MOBILE TELECOMMUNICATIONS TERMINAL**
[54] **SUPPORT POUR TERMINAL DE TELECOMMUNICATION MOBILE**
[72] WIETH, FRANZ, DE
[72] SONNENDORFER, HORST, DE
[73] WIETH, FRANZ, DE
[73] FILOSI, ANDREAS, DE
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[25] EN
[54] **METHOD AND APPARATUS FOR DETERMINING TO USE X2 GATEWAY FOR X2 INTERFACE**
[54] **PROCEDE ET APPAREIL DESTINES A DETERMINER L'UTILISATION D'UNE PASSERELLE X2 POUR UNE INTERFACE X2**
[72] OZTURK, OZCAN, US
[72] HORN, GAVIN BERNARD, US
[72] PRAKASH, RAJAT, US
[73] QUALCOMM INCORPORATED, US
[85] 2016-04-15
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[25] EN
[54] **PLANAR BONE REPLACEMENT MATERIAL AND METHOD FOR PRODUCING A POROUS BODY**
[54] **MATERIAU DE REMPLACEMENT OSSEUX PLANAIRE ET METHODE DE PRODUCTION D'UN CORPS POREUX**
[72] VOGT, SEBASTIAN, DE
[73] HERAEUS MEDICAL GMBH, DE
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[54] **GPS FEATURES AND FUNCTIONALITY IN AN ATHLETIC WATCH SYSTEM**
[54] **CARACTERISTIQUES ET FONCTIONNALITE GPS DANS UN SYSTEME DE MONTRE D'ATHLETISME**
[72] HOFFMAN, MICHAEL T., US
[72] BROWN, MILES, US
[72] WEAST, AARON B., US
[72] CAPOZZI, MATT, US
[72] LAKOVIC, TOMISLAV, US
[72] MOLYNEUX, JAMES, US
[73] NIKE INNOVATE C.V., US
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[54] **PRINTED ECG ELECTRODE AND METHOD**
[54] **ELECTRODE D'EEG IMPRIMEE ET METHODE**
[72] ATASHBAR, MASSOOD ZANDI, US
[72] CHLAIHAWI, AMER ABDULMAHDI, US
[72] NARAKATHU, BINU BABY, US
[72] ESHKETI, ALI, US
[73] THE BOARD OF TRUSTEES OF WESTERN MICHIGAN UNIVERSITY, US
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[25] EN
[54] **METHOD AND APPARATUS FOR VARIABLE ACCURACY INTER-PICTURE TIMING SPECIFICATION FOR DIGITAL VIDEO ENCODING**
[54] **METHODE ET APPAREIL POUR SIGNATURE ELECTRONIQUE INCREMENTIELLE**
[72] HASKELL, BARIN G., US
[72] SINGER, DAVID W., US
[72] DUMITRAS, ADRIANA, US
[72] PURI, ATUL, US
[73] APPLE INC., US
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[54] **AIR DISTRIBUTION SYSTEM FOR TEMPERATURE-CONTROLLED CASE**
[54] **SYSTEME DE DISTRIBUTION D'AIR POUR CAISSE A TEMPERATURE CONTROLEE**
[72] BARRETO, ANGEL A., US
[72] CHOUEIFATI, JULES G., US
[72] HOWINGTON, LARRY C., US
[73] HILL PHOENIX, INC., US
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[54] **ENERGY HARVESTING FOR THE ELECTRONIC REGULATION OF OXYGEN FLOW**
[54] **RECUPERATION D'ENERGIE POUR LA REGULATION ELECTRONIQUE D'UN DEBIT D'OXYGENE**
[72] ELLIOTT, ANDREW, US
[72] DAVIS, DUANE, US
[72] BOOZE, KEVIN, US
[73] B/E AEROSPACE, INC., US
[85] 2016-06-10
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[25] EN
[54] **BROADCAST SIGNAL TRANSMITTING DEVICE, BROADCAST SIGNAL RECEIVING DEVICE, BROADCAST SIGNAL TRANSMITTING METHOD, AND BROADCAST SIGNAL RECEIVING METHOD**
[54] **DISPOSITIF DE TRANSMISSION DE SIGNAL DE DIFFUSION, DISPOSITIF DE RECEPTION DE SIGNAL DE DIFFUSION, PROCEDE DE TRANSMISSION DE SIGNAL DE DIFFUSION, ET PROCEDE DE RECEPTION DE SIGNAL DE DIFFUSION**
[72] LEE, JANGWON, KR
[72] OH, SEJIN, KR
[72] KO, WOOSUK, KR
[72] MOON, KYOUNGSOO, KR
[72] HONG, SUNGRYONG, KR
[73] LG ELECTRONICS INC., KR
[85] 2016-06-13
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[54] **ALKYLENE OXIDE PURIFICATION COLUMNS**
[54] **COLONNES DE PURIFICATION D'OXYDE D'ALKYLENE**
[72] STADLWIESER, CLARENCE P., CA
[72] OSBORNE, BERNIE B., US
[72] DEVER, JOHN P., US
[72] ANDRESEN, HARVEY E., US
[72] HUTCHISON, MICHAEL L., US
[72] CULP, GARY L., US
[72] OSBORNE, STEVEN R., US
[72] ZHANG, LIPING L., US
[72] HABENSCHUSS, MICHAEL, US
[72] ADDIE, ANDREW, US
[73] DOW TECHNOLOGY INVESTMENTS LLC, US
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[54] **METHODS FOR IMPROVING THE DISTRIBUTION OF A SEALANT COMPOSITION IN A WELLBORE AND TREATMENT FLUIDS PROVIDING THE SAME**
[54] **PROCEDES POUR AMELIORER LA DISTRIBUTION D'UNE COMPOSITION D'ETANCHEITE DANS UN TROU DE FORAGE ET FLUIDES DE TRAITEMENT AYANT LE MEME EFFET**
[72] EOFF, LARRY STEVEN, US
[72] REDDY, B. R., US
[72] PASCARELLA, NATALIE, US
[72] MEBRATU, AMARE, NO
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-06-15
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[25] EN
[54] **FUSION SENSOR ARRANGEMENT FOR GUIDEWAY MOUNTED VEHICLE AND METHOD OF USING THE SAME**
[54] **AGENCEMENT DE CAPTEURS DE FUSION POUR VEHICULE MONTE SUR UNE VOIE DE GUIDAGE ET PROCEDE D'UTILISATION DUDIT AGENCEMENT**
[72] IGNATIUS, RODNEY, CA
[72] GREEN, ALON, CA
[72] WHITWAM, FIRTH, CA
[73] THALES CANADA INC., CA
[85] 2016-06-17
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[25] EN
[54] **CHEMICAL WALL PLUG**
[54] **CHEVILLE CHIMIQUE**
[72] PERRIER, MATTHIEU, FR
[72] COUVREUR, JEROME, FR
[72] MARASCO, JEAN-PAUL, FR
[73] ILLINOIS TOOL WORKS INC., US
[85] 2016-06-20
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[51] **Int.Cl. A47L 15/26 (2006.01)**
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[54] **SINK-TYPE WASHING MACHINE**
[54] **MACHINE A LAVER DE TYPE A EVIER**
[72] LIAN, YANGZHONG, CN
[72] XU, HUI, CN
[72] ZHU, DENGGUANG, CN
[72] ZHENG, FENG, CN
[72] LI, SHUAI, CN
[72] MAO, ZHONGQUN, CN
[72] ZHU, YONGDING, CN
[73] NINGBO FOTILE KITCHEN WARE CO., LTD, CN
[85] 2016-06-23
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[25] FR
[54] **STACKABLE BOTTLE WITH VERTICAL HANDLE AND AN ELEVATED NECK**
[54] **BOUTEILLE EMPILABLE A POIGNEE VERTICALE A GOULOT SURELEVE**
[72] AUBIN, REGENT, CA
[73] AUBIN, REGENT, CA
[86] (2935795)
[87] (2935795)
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[11] **2,937,630**
[13] C
[51] **Int.Cl. E04C 2/292 (2006.01) E04C 2/30 (2006.01)**
[25] EN
[54] **PREFABRICATED STRUCTURAL BUILDING PANEL**
[54] **PANNEAU DE CONSTRUCTION STRUCTUREL PREFABRIQUE**
[72] GRAHAM, RICKEY, CA
[72] GRAHAM, NICKOLAS, CA
[73] GRAHAM, RICKEY, CA
[73] GRAHAM, NICKOLAS, CA
[86] (2937630)
[87] (2937630)
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[51] **Int.Cl. E21B 47/013 (2012.01) E21B 47/024 (2006.01)**
[25] EN
[54] **PORTABLE ATTACHMENT OF FIBER OPTIC SENSING LOOP**
[54] **FIXATION PORTABLE DE BOUCLE DE DETECTION A FIBRE OPTIQUE**
[72] SOBOLEWSKI, ZBIGNIEW, US
[72] SPROSS, RONALD L., US
[72] NGUYEN, GARY, US
[72] SITKA, MARK A., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-07-22
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[51] **Int.Cl. A61M 5/20 (2006.01) A61M 5/315 (2006.01)**
[25] EN
[54] **AUTOMATIC INJECTION DEVICE**
[54] **DISPOSITIF D'INJECTION AUTOMATIQUE**
[72] BENDEK, ANTONIO, US
[72] GIAMBATTISTA, LUCIO, US
[72] LAIOSA, JOHN, US
[73] CAREBAY EUROPE LTD, MT
[85] 2016-07-25
[86] 2015-01-30 (PCT/EP2015/051889)
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[25] EN
[54] **STEAM TABLE PAN**
[54] **CASSEROLE DE TABLE A VAPEUR**
[72] SARNOFF, NORTON, US
[72] SARNOFF, BRAD, US
[72] PATEL, RAJ, US
[73] HFA, INC., US
[86] (2937960)
[87] (2937960)
[22] 2016-08-04
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[51] **Int.Cl. G01S 7/40 (2006.01) G01S 7/497 (2006.01)**
[25] EN
[54] **RADAR DETECTOR WITH POSITION AND VELOCITY SENSITIVE FUNCTIONS**
[54] **RADAR ROUTIER AVEC FONCTIONS DE DETECTION DE POSITION ET DE VITESSE**
[72] ORR, STEVEN K., US
[72] BLAIR, ROBERT GREGORY, US
[72] KUHN, JOHN, US
[72] COOMER, TIMOTHY A., US
[73] ESCORT INC., US
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[25] EN
[54] **NETWORK SERVICE INCIDENT PREDICTION**
[54] **PREDICTION D'INCIDENT DE SERVICE DE RESEAU**
[72] DUNCAN, PETER T., US
[72] SAREEN, KUNDAN LAL, US
[72] ADVANI, JAI, US
[72] CHAKRABORTY, ARNAB D., IN
[72] NAIR, VINITA V., IN
[72] VENKATARAMAN, VINOTH, IN
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[86] (2939294)
[87] (2939294)
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[51] **Int.Cl. A61M 25/00 (2006.01) A61M 25/01 (2006.01) A61M 25/10 (2013.01)**
[25] EN
[54] **RETRACTION AND ASPIRATION DEVICE FOR TREATING EMBOLISM AND ASSOCIATED SYSTEMS AND METHODS**
[54] **DISPOSITIF DE RETRACTION ET D'ASPIRATION POUR TRAITER UNE EMBOLIE, ET SYSTEMES ET PROCEDES ASSOCIES**
[72] QUICK, RICHARD, US
[73] INARI MEDICAL, INC., US
[85] 2016-08-11
[86] 2015-06-09 (PCT/US2015/034987)
[87] (WO2015/191646)
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[51] **Int.Cl. E21B 21/06 (2006.01) E21B 21/07 (2006.01) E21B 49/08 (2006.01)**
[25] EN
[54] **SURFACE FLUID EXTRACTION AND SEPARATOR SYSTEM**
[54] **SYSTEME D'EXTRACTION DE FLUIDE EN SURFACE ET DE SEPARATION**
[72] GOSNEY, JON TROY, US
[72] ROWE, MATHEW DENNIS, US
[72] FRIPP, MICHAEL LINLEY, US
[72] GRECI, STEPHEN MICHAEL, US
[72] GANO, JOHN CHARLES, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-08-11
[86] 2014-05-09 (PCT/US2014/037541)
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[51] **Int.Cl. E21B 10/62 (2006.01) E02F 5/20 (2006.01)**
[25] EN
[54] **DOWNHOLE TOOLS WITH INDEPENDENTLY-OPERATED CUTTERS AND METHODS OF MILLING LONG SECTIONS OF A CASING THEREWITH**
[54] **OUTILS DE FOND DE TROU AVEC DES DISPOSITIFS DE COUPE ACTIONNES DE FACON INDEPENDANTE ET PROCEDES DE BROYAGE DE LONGUES SECTIONS D'UN BOITIER AVEC CES DERNIERS**
[72] SCHWARTZE, SASCHA, NO
[72] NIPEN, OLE PETTER, NO
[72] CLEMMENSEN, CARL C., NO
[72] SCHWARTZE, CORINNA, NO
[73] BAKER HUGHES INCORPORATED, US
[85] 2016-08-23
[86] 2015-02-24 (PCT/US2015/017219)
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[51] **Int.Cl. G01K 11/32 (2006.01) E21B 49/00 (2006.01) G01K 13/10 (2006.01)**
[25] EN
[54] **DISTRIBUTED TEMPERATURE SENSOR ENHANCEMENT BY STIMULATED RAMAN SUPPRESSION**
[54] **AMELIORATION D'UN CAPTEUR DE TEMPERATURE DISTRIBUE PAR SUPPRESSION RAMAN STIMULEE**
[72] MITCHELL, IAN, US
[72] JOHNSTON, WILLIAM, US
[72] CHANDRAN, ASHWIN, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2016-08-30
[86] 2015-03-16 (PCT/US2015/020688)
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[51] **Int.Cl. H02P 25/18 (2006.01) H02K 17/14 (2006.01) H02P 1/32 (2006.01) H02P 27/04 (2016.01)**
[25] EN
[54] **MULTI-SPEED ELECTRIC MOTOR**
[54] **MOTEUR ELECTRIQUE MULTI-VITESSE**
[72] PATRICK, CHARLES, US
[72] WILLIAMS, KEVIN R., US
[73] NABORS DRILLING TECHNOLOGIES USA, INC., US
[85] 2016-08-15
[86] 2015-03-12 (PCT/US2015/020241)
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[51] **Int.Cl. G01N 1/31 (2006.01) G01N 35/10 (2006.01)**
[25] EN
[54] **HEMATOXYLIN PRECIPITATE CLEANING METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE NETTOYAGE D'UN PRECIPITE D'HEMATOXYLINE**
[72] DURRANT, EDWARD E., US
[73] VENTANA MEDICAL SYSTEMS, INC., US
[85] 2016-09-07
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[30] US (61/986,386) 2014-04-30

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[51] **Int.Cl. H04W 24/02 (2009.01) H04W 28/08 (2009.01)**
[25] EN
[54] **CONTROL OF LONG TERM EVOLUTION (LTE) VIRTUAL NETWORK ELEMENTS BASED ON RADIO NETWORK TUNNELS**
[54] **COMMANDE D'ELEMENTS DE RESEAU VIRTUEL D'EVOLUTION A LONG TERME (LTE) SUR LA BASE DE TUNNELS DE RESEAU RADIO**
[72] HINKLE, AARON PAUL, US
[72] GAN, SENG CHAI, US
[72] NGUYEN, KHOI DINH, US
[72] WU, DANMEI, US
[73] SPRINT COMMUNICATIONS COMPANY L.P., US
[85] 2016-09-09
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[30] US (14/204,192) 2014-03-11

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[13] C
[51] **Int.Cl. G01B 11/06 (2006.01) G01N 21/94 (2006.01)**
[25] EN
[54] **REAL-TIME DIGITALLY ENHANCED IMAGING FOR THE PREDICTION, APPLICATION, AND INSPECTION OF COATINGS**
[54] **IMAGERIE NUMERIQUE EN TEMPS REEL AMELIOREE POUR LA PREDICTION, L'APPLICATION ET L'INSPECTION DE REVETEMENTS**
[72] YAJKO, MICHAEL PAUL, US
[73] THE SHERWIN-WILLIAMS COMPANY, US
[85] 2016-09-12
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[87] (WO2015/138676)
[30] US (61/951,603) 2014-03-12

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[51] **Int.Cl. E04H 4/08 (2006.01) A61H 33/00 (2006.01)**
[25] EN
[54] **SPA HAVING A VERTICALLY ACTUATABLE COVER ASSEMBLY**
[54] **INSTALLATION THERMALE PRESENTANT UN ENSEMBLE DE COUVERTURE A ACTIONNEMENT VERTICAL**
[72] SPICER, WADE, US
[73] STRONG INDUSTRIES, INC., US
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[25] EN
[54] **PACKAGE-STORAGE TYPE ENGINE GENERATOR**
[54] **GENERATEUR DE PUISSANCE DE MOTEUR DE TYPE A STOCKAGE DANS BOITIER**
[72] TERADA, RURIKO, JP
[72] KAWANO, TATSUYA, JP
[73] YANMAR CO., LTD., JP
[85] 2016-09-19
[86] 2015-02-13 (PCT/JP2015/053896)
[87] (WO2015/146342)
[30] JP (2014-063047) 2014-03-26

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[51] **Int.Cl. H01M 4/587 (2010.01) H01M 4/36 (2006.01)**
[25] EN
[54] **NEGATIVE ELECTRODE MATERIAL FOR LITHIUM-ION SECONDARY BATTERY WITH IMPROVED HIGH-LOAD CHARACTERISTICS, AND MANUFACTURING METHOD THEREOF**
[54] **MATERIAU D'ELECTRODE NEGATIVE DESTINE A UNE BATTERIE SECONDAIRE AU LITHIUM-ION AYANT DES CARACTERISTIQUES AMELIOREES EN CHARGE ELEVEE, ET METHODE DE FABRICATION ASSOCIEE**
[72] TSUCHIYA, HIDEYUKI, JP
[72] SAKAMOTO, TAKASHI, JP
[72] MASAYOSHI, TAKESHI, JP
[73] HITACHI CHEMICAL COMPANY, LTD., JP
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[54] **ALIMENTATION SANS INTERRUPTION D'UNE INSTALLATION D'ELECTROLYSE**
[72] HEROLD, JOCHEN, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **SECURE WORKFLOW AND DATA MANAGEMENT FACILITY**
[54] **INSTALLATION DE GESTION DE DONNEES ET DE FLUX DE TRAVAIL SECURISEE**
[72] WELLS, WILLIAM MCDOWALL, BB
[72] MARCUS, MICHAEL BERNARD, US
[73] EVIZONE IP HOLDINGS, LTD., VG
[86] (2944218)
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[54] **LOOP FLOW TYPE BUBBLE GENERATION NOZZLE**
[54] **BUSE DE GENERATION DE BULLES A ECOULEMENT EN BOUCLE**
[72] MATSUNAGA, DAISUKE, JP
[72] MATSUNAGA, TAKESHI, JP
[73] OK ENGINEERING CO., LTD., JP
[85] 2016-10-11
[86] 2015-01-27 (PCT/JP2015/052114)
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[54] **DIVING MASK WITH INTEGRATED SNORKEL**
[54] **MASQUE DE PLONGEUR A TUBA INTEGRE**
[72] CAPRICE, CEDRIC, FR
[72] GIRAULT, RAPHAEL, FR
[72] CUCCHIA, GABRIELE, IT
[73] DECATHLON, FR
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[25] EN
[54] **COLLAPSIBLE VIRTUAL REALITY VIEWER ASSEMBLY**
[54] **ENSEMBLE DE VISIONNEUSE DE REALITE VIRTUELLE PLIABLE**
[72] WALLEN, THOMAS A., US
[73] HALLMARK CARDS, INCORPORATED, US
[86] (2947047)
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[54] **APPARATUS AND METHOD FOR OPERATING A DEVICE IN A WELLBORE USING SIGNALS GENERATED IN RESPONSE TO STRAIN ON A DOWNHOLE MEMBER**
[54] **APPAREIL ET PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN DISPOSITIF DANS UN PUITS DE FORAGE A L'AIDE DE SIGNAUX GENERES EN REPONSE A UNE CONTRAINTE SUR UN ELEMENT DE FOND DE PUITS**
[72] RICHARD, BENNETT M., US
[72] JOHNSON, MICHAEL H., US
[72] BARNARD, JASON J., US
[72] WOOD, EDWARD T., US
[73] BAKER HUGHES INCORPORATED, US
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[54] **SUPPLY MANIFOLD WITH ROTATABLE SLIDER**
[54] **COLLECTEUR D'ALIMENTATION DOTE D'UNE GLISSIERE PIVOTANTE**
[72] MACDUFF, MALCOLM, CA
[72] MACDUFF, JAMES, CA
[73] MACDUFF, MALCOLM, CA
[73] MACDUFF, JAMES, CA
[86] (2948712)
[87] (2948712)
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[54] **METHOD FOR OPERATING AN ELEVATOR SYSTEM**
[54] **PROCEDE DE FONCTIONNEMENT D'UNE INSTALLATION D'ASCENSEUR**
[72] FINSCHI, LUKAS, CH
[72] WEINBERGER, KARL, CH
[73] INVENTIO AG, CH
[86] (2949243)
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[25] EN
[54] **K2 COMPOSITION, PREPARATION METHOD THEREFOR, AND APPLICATION THEREOF**
[54] **COMPOSITION K2, PROCEDE POUR LA PREPARER ET APPLICATION DE CELLE-CI**
[72] LIN, HANG-CHING, CN
[72] HUANG, HSIN-WEN, CN
[72] LU, SHIH-MIN, CN
[73] SINPHAR TIAN-LI PHARMACEUTICAL CO., LTD. (HANGZHOU), CN
[85] 2016-11-18
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[54] **MULTILATERAL WELL SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE PUITS MULTILATERAUX**
[72] ALBERTSON, ALLAN, CA
[73] ALBERTSON, ALLAN, CA
[86] (2950525)
[87] (2950525)
[22] 2015-03-12
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[25] EN
[54] **MICROWAVE PACKAGING**
[54] **EMBALLAGE POUR MICRO-ONDES**
[72] RESURRECCION, FERMIN P., JR., US
[72] PEARSON, DANA LAUREN, US
[73] GRAPHIC PACKAGING INTERNATIONAL, LLC, US
[85] 2016-12-07
[86] 2015-07-31 (PCT/US2015/043055)
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[54] **CHECK VALVE HAVING A FRICTION FREE REPLACEABLE VALVE INSERT CHECK ASSEMBLY**
[54] **CLAPET ANTIRETOUR COMPORTANT UN DISPOSITIF ANTIRETOUR D'INSERTION DE CLAPET REMPLACABLE EXEMPT DE FRICTION**
[72] DRISCOLL, STEVEN, US
[72] STRAIT, BRIAN, US
[72] NOVAK, MARK A., US
[72] MARQUARDT, JASON, US
[73] INTERNATIONAL VALVE CORPORATION DBA CHECK-ALL VALVE MFG. CO., US
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[87] (2951557)
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[54] **GREETING CARDS WITH SUSPENDED MOTION**
[54] **CARTES DE SOUHAITS DOTEES DE MOUVEMENT SUSPENDU**
[72] BOGDANSKI, SHARON, US
[72] TALBOT, JOHN, US
[72] SHLONSKY, LYNNE, US
[72] SAPP, DAVE, US
[72] MAO, CHARLOTTE, US
[72] MARSH, ALLISON, US
[72] FORRESTER, NICOLE, US
[73] AMERICAN GREETINGS CORPORATION, US
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[87] (2951648)
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[25] EN
[54] **CHIMERIC HUMAN SWEET-UMAMI AND UMAMI-SWEET TASTE RECEPTORS**
[54] **RECEPTEURS GUSTATIFS CHIMERES HUMAINS DES SAVEURS SUCRE-UMAMI ET UMAMI-SUCRE**
[72] LI, XIAODONG, US
[72] ZHANG, FENG, US
[72] XU, HONG, US
[72] LI, QING, US
[73] SENOMYX, INC., US
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[54] **PROCEDE POUR TRIER DES OBJETS POSTAUX DANS UN CASIER DE TRI AVEC UN DENOMBREMENT AUTOMATIQUE DES OBJETS TRIES**
[72] BENYOUB, BELKACEM, FR
[73] SOLYSTIC, FR
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[54] **COUVERCLE DE RECIPIENT POUR BOISSON**
[72] BRANNOCK, SAMUEL LINCOLN, US
[73] HARL-BELLA HOLDINGS, LLC, US
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[51] **Int.Cl. F01D 25/20 (2006.01) F02C 7/06 (2006.01) F02C 7/36 (2006.01)**
[25] EN
[54] **OIL SYSTEM FOR TURBINE ENGINE AND RELATED METHOD**
[54] **DISPOSITIF D'HUILE DESTINE A UNE TURBINE ET METHODE ASSOCIEE**
[72] MENHEERE, DAVID, CA
[72] MARSHALL, ANDREW, CA
[73] PRATT & WHITNEY CANADA CORP., CA
[86] (2955506)
[87] (2955506)
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[25] EN
[54] **ELECTRIC LIGHTING DEVICES**
[54] **DISPOSITIFS D'ECLAIRAGE ELECTRIQUES**
[72] PATTON, DOUGLAS, US
[72] LABELLE, JAMES, US
[72] THOMPSON, JEFFREY, US
[73] L&L CANDLE COMPANY, LLC, US
[85] 2017-01-27
[86] 2015-08-05 (PCT/US2015/043860)
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[54] **APPARATUS AND METHOD FOR MACHINING A WORKPIECE**
[54] **APPAREIL ET PROCEDE D'USINAGE D'UNE PIECE**
[72] STRICKLEN, RICHARD, US
[73] SUPERIOR INDUSTRIES INTERNATIONAL, INC., US
[85] 2017-02-21
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[54] **ANTICORPS BISPECIFIQUES ANTI-TNF/ANTI-IL-3**
[72] BEIDLER, CATHERINE B., US
[72] MILLICAN, ROHN L., JR., US
[72] NA, SONGQING, US
[72] SEO, NEUNGSEON, US
[73] ELI LILLY AND COMPANY, US
[85] 2017-02-27
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[54] **BIO-POLYMER MULCH FILM AND PROCESS FOR MANUFACTURING SAME**
[54] **PELLICULE DE PAILLIS BIOPOLYMERE ET SON PROCEDE DE FABRICATION**
[72] TAMBAY, ROGER, CA
[72] MEUNIER, HUGO, CA
[73] 9298-9876 QUEBEC INC., CA
[85] 2017-03-29
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[25] EN
[54] **A STORAGE AND BLENDING SYSTEM FOR MULTI-COMPONENT GRANULAR COMPOSITIONS**
[54] **UN SYSTEME DE RANGEMENT ET DE MELANGE DESTINE A DES COMPOSITIONS GRANULAIRES MULTICOMPOSANTES**
[72] MCIVER, TERRY, US
[72] CUNNINGHAM, JOHN, US
[72] MANAGAN, WILLIAM VAUGHN, US
[72] MATKOWSKI, JOE DANIEL, US
[73] SOLARIS OILFIELD SITE SERVICES OPERATING LLC, US
[86] (2964009)
[87] (2964009)
[22] 2017-04-11
[30] US (62/350,262) 2016-06-15
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[51] **Int.Cl. E21B 43/12 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **VARIABLE FLOW RESISTANCE FOR USE WITH A SUBTERRANEAN WELL**
[54] **SYSTEME DE RESISTANCE VARIABLE A L'ECOULEMENT A METTRE EN OEUVRE DANS UN PUITS SOUTERRAIN**
[72] DYKSTRA, JASON D., US
[72] FRIPP, MICHAEL L., US
[72] ZHAO, LIANG, US
[72] FELTEN, FREDERIC, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[87] (2966002)
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[54] **SEARCH QUERY INTERACTIONS ON ONLINE SOCIAL NETWORKS**
[54] **INTERACTIONS D'INTERROGATION DE RECHERCHE SUR DES RESEAUX SOCIAUX EN LIGNE**
[72] RAINA, RAJAT, US
[72] HONG, KIHYUK, US
[72] SANKAR, SRIRAM, US
[72] VIROCHSIRI, KITTIPAT, US
[73] FACEBOOK, INC., US
[86] (2966826)
[87] (2966826)
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[25] EN
[54] **SULPHATED HYALURONIC ACIDS AS REGULATOR AGENTS OF THE CYTOKINE ACTIVITY**
[54] **ACIDES HYALURONIQUES SULFATES COMME AGENTS DE REGULATION DE L'ACTIVITE CYTOKINIQUE**
[72] GALESSO, DEVIS, IT
[72] ZANELLATO, ANNA MARIA, IT
[73] FIDIA FARMACEUTICI S.P.A., IT
[86] (2967567)
[87] (2967567)
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[25] EN
[54] **LIGHTING FIXTURE MOUNTING SYSTEMS**
[54] **MECANISMES D'INSTALLATION D'APPAREIL D'ECLAIRAGE**
[72] HALLIWELL, BRIAN, US
[73] FEIT ELECTRIC COMPANY, INC., US
[86] (2971917)
[87] (2971917)
[22] 2017-06-28
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[51] **Int.Cl. G01N 11/14 (2006.01) E21B 49/08 (2006.01)**
[25] EN
[54] **MULTI-SURFACE VISCOSITY MEASUREMENT**
[54] **MESURE DE VISCOSITE DE SURFACES MULTIPLES**
[72] GAJJI, BHARGAV, US
[72] BHAIDASNA, KETAN CHIMANLAL, US
[72] MORGAN, RICHARD GARY, US
[72] SISTA, SUBRAHMANYAM SURYA VENKATA, IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **ARTICLES HAVING THERMOSET COATINGS AND COATING METHODS**
[54] **ARTICLES COMPORTANT DES REVETEMENTS THERMODURCIS ET PROCEDES DE REVETEMENT**
[72] STUPAR, JEFFREY M., US
[72] CISTERNINO, FRANCO A., US
[72] SESSA, EUGENE D., US
[72] MONAHAN, ROBIN F., US
[73] NYLOK LLC, US
[85] 2017-07-04
[86] 2016-02-03 (PCT/US2016/016280)
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[54] **LAMINATED PLECTRUM FOR CHORDOPHONE INSTRUMENT**
[54] **PLECTRE STRATIFIE POUR INSTRUMENT A CORDES**
[72] MILTIMORE, MIKE, CA
[73] MILTIMORE, MIKE, CA
[85] 2017-07-10
[86] 2016-01-14 (PCT/IB2016/050179)
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[13] C
[51] **Int.Cl. B05D 7/14 (2006.01) B32B 15/085 (2006.01) B32B 27/32 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING COATED METAL STRIP**
[54] **PROCEDE DE PRODUCTION DE BANDE METALLIQUE REVETUE**
[72] MORIKAWA, SHIGEYASU, JP
[72] FUJII, TAKAHIRO, JP
[73] NISSHIN STEEL CO., LTD., JP
[85] 2017-07-27
[86] 2016-01-25 (PCT/JP2016/000340)
[87] (WO2016/121359)
[30] JP (2015-015414) 2015-01-29

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[51] **Int.Cl. B23K 11/11 (2006.01) B23K 11/24 (2006.01)**
[25] EN
[54] **SPOT POSITION CORRECTING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE CORRECTION DE POSITION DE POINT**
[72] YOSHINO, TETSUYA, JP
[73] HONDA MOTOR CO., LTD., JP
[85] 2017-08-25
[86] 2016-02-24 (PCT/JP2016/055455)
[87] (WO2016/136816)
[30] JP (2015-035027) 2015-02-25

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[13] C
[51] **Int.Cl. B29C 47/36 (2006.01)**
[25] EN
[54] **PROCESS, APPARATUS AND SYSTEM FOR CREATING COLOR EFFECTS IN EXTRUDABLE MATERIAL AND PRODUCTS MADE WITH EXTRUDABLE MATERIAL CREATED WITH SAME**
[54] **PROCEDE, APPAREIL ET SYSTEME SERVANT A CREER UN MATERIAU EXTRUDABLE AYANT DES EFFETS DE COULEUR ET PRODUITS FAITS DU MATERIAU EXTRUDABLE AINSI CREE**
[72] LEMAY, MATHIEU, CA
[72] JALBERT, STEVE, CA
[73] PELICAN INTERNATIONAL INC , CA
[86] (2979855)
[87] (2979855)
[22] 2015-12-23
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[51] **Int.Cl. A61L 2/07 (2006.01) F24F 13/22 (2006.01)**
[25] EN
[54] **STERILIZING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE STERILISATION**
[72] TURBETT, ROBERT E., US
[73] TURBETT SURGICAL LLC, US
[85] 2017-09-28
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[54] **SUPPORT ET METHODE DE FACONNAGE DE PIECE DE TRAVAIL ET SUPPORT**
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[72] ISHIMOTO, KOUSUKE, JP
[73] MATSUURA MACHINERY CORPORATION, JP
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[54] **SYSTEME DE DISTRIBUTION DE CARBURANT GAZEUX A BASSE PRESSION A BASE DE SORBANT**
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[73] ADSORBED NATURAL GAS PRODUCTS, INC., US
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[54] **PROCEDES, CIRCUITS, DISPOSITIFS, SYSTEMES ET CODE EXECUTABLE PAR UN ORDINATEUR ASSOCIE, POUR L'ENREGISTREMENT ET LE SUIVI DE CARACTERISTIQUES D'IMAGE A FACTEURS MULTIPLES**
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[73] DOLBY LABORATORIES LICENSING CORPORATION, US
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[54] **SYSTEME DE TRANSFERT DE CHALEUR A DEUX ETAGES ET PROCEDE POUR L'UTILISER**
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[72] LAUR, AUSTEN, US
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[54] **PROCEDE ET DISPOSITIF DE PAIEMENT DE CERTIFICAT ELECTRONIQUE**
[72] ZHANG, YI, CN
[73] 10353744 CANADA LTD., CA
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[54] **METHODE ET APPAREIL DE COUPE DESTINES A COUPER DES PROFILS D'EBAUCHE**
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[72] LANGLOIS, BENOIT, CA
[73] MILAN CONCEPTION INC., CA
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[73] DIVERSIFIED TECHNOLOGY GROUP, INC., US
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[73] CARL ZEISS VISION INTERNATIONAL GMBH, DE
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[72] RUSSAK, ZE'EV, IL
[73] AZURE VAULT LTD., IL
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August 26, 2018 to September 1, 2018

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[54] **SIGNALISATION DE ROUTE ET DE CIRCULATION A LISIBILITE AMELIOREE EN PRESENCE DE REFLET SOLAIRE**
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[54] **FORMULATION THERAPEUTIQUE DE TOCOTRIENOL COMPORTANT DU DICHLOROACETATE (DCA) SERVANT A AMELIORER L'ACTIVITE ANTI-CANCEREUSE**
[72] HENRETTA, KEVIN, US
[72] GLICKEN, ED, US
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[54] **SOULEVE ROUE POUR CHANGEMENT DE ROUE SUR LES VEHICULES AUTOMOBILES**
[72] LAVIGNE GOSSELIN, CLAIRE, CA
[72] GOSSELIN, CHARLES, CA
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[72] TAN, SWEE TIONG, NZ
[72] DAVIS, PAUL FRANK, NZ
[72] ITINTEANG, TINTE, NZ
[71] GILLIES MCINDOE RESEARCH INSTITUTE, NZ
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[54] **DISPOSITIF DE FIXATION DE RAIL**
[72] DUFFNER, BRENT, US
[72] CLICK, GARY, US
[72] SMITH, BRADLEY, US
[72] CAMERON, DEREK, US
[71] VOESTALPINE NORTRAK INC., US
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[54] CHARIOT A GRAIN A DECHARGEMENT AUTOMATIQUE D'UN POIDS PREDETERMINE DE MATERIAU DE RECOLTE
[72] THOMSON, GREG, CA
[72] DUMALSKI, JOSH, CA
[71] BRANDT AGRICULTURAL PRODUCTS LTD., CA
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[72] DUMALSKI, JOSH, CA
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[72] JONES, ANDREW, CA
[72] TEN, VALERY, CA
[72] SHI, ZHENCHUN, CA
[71] OP-HYGIENE IP GMBH, CH
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[72] MORIN, STEVE, CA
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[54] METHODE ET APPAREIL D'INSTALLATION D'UN SAC TUBULAIRE SUR UN APPAREIL D'EMBALLAGE DE RECOLTE
[72] FEDERKIEWICZ, KEVIN D.P., CA
[71] FEDERKIEWICZ FARM ENTERPRISES LTD., CA
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[72] STOREY, STEFAN, CA
[72] ARAUJO ALMEIDA, DANIEL, CA
[71] SENSIBLE BUILDING SCIENCE INC., CA
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[54] UNE METHODE DE TRANSPORT DE MATERIAU D'UNE INSTALLATION D'HYDROEXCAVATION
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[54] SYSTEME DE MANIPULATION DE COMPRIME, MANIPULATEUR DE COMPRIME ET METHODE DE REMPLISSAGE DE COMPRIMES DANS UN EMBALLAGE
[72] BOUTHIETTE, ETIENNE, CA
[71] 9155-0020 QUEBEC INC., CA
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[54] **DISPOSITIF RECEPTACLE DE SAC D'INFUSION DE BOISSON ET METHODE**
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[54] **APPAREIL COMPACT DE DETECTION D'ISOLANTS EN COMPOSITE DEFECTUEUX EMPLOYE DANS LES SYSTEMES DE DISTRIBUTION ELECTRIQUE**
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[72] MARTIN, RICHARD, CA
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[72] SIMANZHENKOV, VASILY, CA
[72] BENUM, LESLIE WILFRED, CA
[72] OLAYIWOLA, BOLAJI, CA
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[54] **DISPOSITIF DE CADRE DE LAMPE ECLAIRE ET METHODE**
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[54] **SYSTEMES ET METHODES DE SUIVI ET GESTION D'HOMEOSTASIE REDOX INDIVIDUALISEE**
[72] LEWIS, NATHAN, IE
[72] NEWELL, JOHN, IE
[72] PEDLAR, CHARLES R., IE
[72] MOORE, BRIAN, IE
[71] ORRECO, IE
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[54] **PROCEDES DE PREPARATION DE COMPOSES COMPRENANT UN GROUPE FLUOROSULFONYLE, ET NOUVEAUX REACTIFS PERMETTANT DE TELLES REACTIONS CHIMIQUES**
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[71] HAMMAMI, AMER, CA
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[72] TATTAM, EDWIN FRANCIS, GB
[71] SOFTBOX SYSTEMS LIMITED, GB
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[54] **DISPOSITIF DE LEVE SISMIQUE PORTATIF ET METHODE**
[72] CHATENAY, ALLAN ROBERT, CA
[71] EXPLOR GEOPHYSICAL LTD., CA
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[54] **APPAREIL DE TRAITEMENT DU CRABE ET METHODE DE TRAITEMENT DU CRABE**
[72] TOMODA, HIROSHI, JP
[72] ENDO, KIYONORI, JP
[71] TOMODA SELLING & SAILING CO., LTD., JP
[71] E-MECHANICAL CO., LTD., JP
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[72] ROGERS, TRACY, US
[72] DOMINGUEZ, JACOB, US
[72] MURRER, ANDREW, US
[72] CAMARA, EDGAR, US
[71] WORLDWISE, INC., US
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[54] **COSMETIC AND THERAPEUTIC INJECTION SAFETY SYSTEMS, METHODS, AND DEVICES**
[54] **SYSTEMES SECURITAIRES D'INJECTION COSMETIQUE ET THERAPEUTIQUE, METHODES ET APPAREILS**
[72] FOSTER, CLARK B., US
[72] RIOS, GABRIELLE A., US
[71] TRULNJECT MEDICAL CORP., US
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[54] **LAUNDRY TREATMENT APPARATUS AND METHOD OF CONTROLLING THE SAME**
[54] **APPAREIL DE TRAITEMENT DE LA LESSIVE ET METHODE DE COMMANDE DUDIT APPAREIL**
[72] JUNG, JONEGSEOK, KR
[72] KIM, HYUNSANG, KR
[71] LG ELECTRONICS INC., KR
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[54] **SYSTEME, METHODE ET APPAREIL DE COLLECTE DE DONNEES AUTONOME A PARTIR D'ENTRAINEMENTS A FREQUENCE VARIABLE**
[72] PALMGREN, CARL ALBERT, III, US
[72] JOHNSON, TRAVIS CHET, US
[72] JANGER, LUKE GOLDEN, US
[72] HOFFMAN, GERMAN, UY
[72] SUZACQ, FERNANDO, UY
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[54] **RESOURCE ALLOCATION BASED ON RESOURCE DISTRIBUTION DATA FROM CHILD NODE**
[54] **ATTRIBUTION DE RESSOURCES FONDEE SUR LES DONNEES DE DISTRIBUTION DES RESSOURCES D'UN NOEUD ENFANT**
[72] JURETIC, VICTORIA, CA
[72] FAN, XIAOTIAN, CA
[72] CHAN, BASIL, CA
[72] BANQUIER, STEPHEN, CA
[72] LEE, JOHN JONG-SUK, CA
[71] THE TORONTO-DOMINION BANK, CA
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[54] **PIPE END TRUING APPARATUS AND METHOD**
[54] **DISPOSITIF ET METHODE DE DRESSAGE D'EXTREMITE DE TUYAU**
[72] BRUINSMA, GREGG R., CA
[71] BRUINSMA, GREGG R., CA
[22] 2017-10-31
[41] 2018-08-28
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[25] EN
[54] **TIP STRUCTURE FOR A TURBINE BLADE WITH PRESSURE SIDE AND SUCTION SIDE RAILS**
[54] **STRUCTURE DE POINTE D'UNE AUBE DE TURBINE DOTEE DE RAILS COTE PRESSION ET COTE ASPIRATION**
[72] BLOXHAM, MATTHEW J., US
[72] EBACHER, JON V., US
[72] PANIAGUA PEREZ, GUILLERMO, US
[72] ANDREOLI, VALERIA, US
[72] DE MAESSCHALCK, CIS GUY M., US
[72] BRAUN, JAMES, US
[71] ROLLS-ROYCE CORPORATION, US
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[41] 2018-08-27
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[25] EN
[54] **ABLATIVE MATERIAL WITH A POLYMERIC PHOSPHORYLATED AMIDE**
[54] **MATERIAU ABLATIF DOTE D'UN AMIDE POLYMERIQUE PHOSPHORYLATE**
[72] CHAFFEY, MICHELE L., US
[72] ROJO, ARTHUR, US
[71] THE BOEING COMPANY, US
[22] 2017-12-11
[41] 2018-09-01
[30] US (15/446844) 2017-03-01

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[51] **Int.Cl. C09K 3/10 (2006.01) C04B 35/80 (2006.01)**
[25] EN
[54] **CERAMIC SEAL COMPONENT FOR GAS TURBINE ENGINE AND PROCESS OF MAKING THE SAME**
[54] **COMPOSANTE DE JOINT CERAMIQUE DESTINEE A UN MOTEUR DE TURBINE A GAZ ET METHODE DE FABRICATION ASSOCIEE**
[72] OVERHOLSER, RONALD WALTER, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES INC., US
[22] 2017-12-13
[41] 2018-08-27
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[51] **Int.Cl. G08G 5/00 (2006.01) B64D 43/00 (2006.01) B64D 47/00 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR AUTOMATIC DETECTION, ASSISTANCE, AND COMPLETION OF PILOT REPORTS (PIREPS) ONBOARD AN AIRCRAFT**
[54] **METHODES ET SYSTEMES DE DETECTION AUTOMATIQUE, AIDE ET PRODUCTION DE RAPPORTS DE PILOTE (PIREPS) A BORD D'UN AERONEF**
[72] SHAMASUNDAR, RAGHU, US
[72] SIVARATRI, MAHESH, US
[72] SWAIN, SOUMITRI, US
[72] KANAGARAJAN, SIVAKUMAR, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2017-12-15
[41] 2018-09-01
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[25] EN
[54] **VEHICLE AIR DRAG REDUCING APPARATUS AND METHOD OF USE THEREOF**
[54] **APPAREIL DE REDUCTION DE LA TRAINEE D'AIR D'UN VEHICULE ET SA METHODE D'UTILISATION**
[72] BOIVIN, MATHIEU, CA
[72] DAOUST, SYLVAIN, CA
[72] DEIR, WALID, CA
[72] JAHROMI, ALI, CA
[72] BASSILY, GEORGES, CA
[72] DESOURDY, GUILLAUME, CA
[71] TRANSTEX COMPOSITE INC., CA
[22] 2017-12-20
[41] 2018-08-27
[30] US (62/464,130) 2017-02-27
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[54] **SEATBELT AIRBAG SAFETY DEVICE**
[54] **DISPOSITIF DE SECURITE DE COUSSIN GONFLABLE DE CEINTURE DE SECURITE**
[72] DWYER, JON ERIK, US
[71] THE BOEING COMPANY, US
[22] 2017-12-20
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[25] EN
[54] **COUNTING TAPE AND METHOD OF USE WITH A WALL OR FLOOR-MOUNTED STORAGE SYSTEM**
[54] **RUBAN MESUREUR ET METHODE D'UTILISATION SUR UN SYSTEME DE RANGEMENT INSTALLE SUR UN MUR OU UN PLANCHER**
[72] HUGHES, AARON J., US
[72] RIEDEL, BRET L., US
[72] KING, JONATHAN J., US
[72] KUNISH, TERRA M., US
[71] THE STOW COMPANY-HOLLAND, INC., US
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[41] 2018-08-27
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[25] EN
[54] **APPARATUS AND METHOD FOR CONTROLLING A PRESSURE DIFFERENTIAL ACROSS A SEAL OF A BEARING CHAMBER**
[54] **APPAREIL ET METHODE DE CONTROLE D'UNE PRESSION DIFFERENTIELLE SUR UN JOINT D'UNE CAGE DE PALIER**
[72] LOGAN, ADAM, CA
[72] DOMINGO, RITCHIE, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-01-15
[41] 2018-09-01
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[25] EN
[54] **METHOD FOR PRODUCING GALATOOLIGOSACCHARIDES FROM LACTOSE**
[54] **METHODE DE PRODUCTION DE GALATOOLIGOSACCHARIDES A PARTIR DU LACTOSE**
[72] TOMIUK, STEPHEN, CA
[71] VITALUS NUTRITION INC., CA
[22] 2018-01-15
[41] 2018-08-30
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[25] EN
[54] **SOYBEAN CULTIVAR CL1562551**
[54] **CULTIVAR DE SOYA CL1562551**
[72] THIELKELD, KEVIN CHRIS, US
[72] ERDAHL, BRIAN SCOTT, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2018-01-16
[41] 2018-09-01
[30] US (15/446,422) 2017-03-01

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[13] A1
[51] **Int.Cl. F24F 3/06 (2006.01) F24F 11/84 (2018.01)**
[25] EN
[54] **AIR CONDITIONER AND AIR CONDITIONING SYSTEM INCLUDING THE SAME**
[54] **APPAREIL DE CONDITIONNEMENT DE L'AIR ET SYSTEME DE CONDITIONNEMENT DE L'AIR COMPORTANT LEDIT APPAREIL**
[72] KIMURA, KEIICHI, JP
[72] MORITA, MITSUO, JP
[72] ISHIDA, TAKAYUKI, JP
[72] GOTO, KAZUYA, JP
[72] SATO, HIDEKAZU, JP
[71] KIMURA KOHKI CO., LTD., JP
[22] 2018-02-14
[41] 2018-09-01
[30] JP (2017-037888) 2017-03-01
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[51] **Int.Cl. E21B 17/03 (2006.01) E21B 17/00 (2006.01)**
[25] EN
[54] **COUPLER WITH THREADED CONNECTION FOR PIPE HANDLER**
[54] **RACCORD A CONNEXION FILETEE DESTINE A UN MANIPULATEUR DE TUYAU**
[72] ZOUHAIR, AICAM, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[22] 2018-02-14
[41] 2018-08-27
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[13] A1
[51] **Int.Cl. B64C 25/10 (2006.01) B64C 25/60 (2006.01)**
[25] EN
[54] **AIRCRAFT LANDING GEAR, AIRCRAFT, AND RELATED METHODS**
[54] **TRAIN D'ATTERRISSAGE D'AERONEF, AERONEF ET METHODES ASOCIEES**
[72] SIMPSON, MARK NICHOLAS, US
[72] MELLOR, MITCHELL LOREN RAY, US
[72] CUSWORTH, JAMES E., US
[72] COTTET, JUSTIN, US
[72] JOHNSON, RICHARD KEVIN, US
[72] SONNENBURG, GEORGE, US
[71] THE BOEING COMPANY, US
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[41] 2018-08-28
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[13] A1
[51] **Int.Cl. B64C 25/10 (2006.01) B64C 25/60 (2006.01)**
[25] EN
[54] **AIRCRAFT LANDING GEAR, AIRCRAFT, AND RELATED METHODS**
[54] **TRAIN D'ATTERRISSAGE D'AERONEF, AERONEF ET METHODES ASOCIEES**
[72] SIMPSON, MARK NICHOLAS, US
[72] MELLOR, MITCHELL LOREN RAY, US
[72] CUSWORTH, JAMES E., US
[72] COTTET, JUSTIN, US
[71] THE BOEING COMPANY, US
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[41] 2018-08-28
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[13] A1
[51] **Int.Cl. B64C 25/10 (2006.01) B64C 25/60 (2006.01)**
[25] EN
[54] **AIRCRAFT LANDING GEAR, AIRCRAFT, AND RELATED METHODS**
[54] **TRAIN D'ATTERRISSAGE D'AERONEF, AERONEF ET METHODES ASOCIEES**
[72] MELLOR, MITCHELL LOREN RAY, US
[72] CUSWORTH, JAMES E., US
[71] THE BOEING COMPANY, US
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[41] 2018-08-28
[30] US (15/444986) 2017-02-28

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[51] **Int.Cl. A21D 13/30 (2017.01) A23P 20/20 (2016.01)**
[25] EN
[54] **FILLED BISCUIT AND CORRESPONDING PRODUCTION PROCESS**
[54] **GALETTE FOURREE ET PROCEDE DE PRODUCTION CORRESPONDANT**
[72] ARSIE, GAETANO, IT
[72] MOLLO, MARCO, IT
[71] SOREMARTEC S.A., LU
[22] 2018-02-14
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[30] LU (100132) 2017-03-01

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[13] A1
[51] **Int.Cl. E21B 17/03 (2006.01) E21B 3/02 (2006.01)**
[25] EN
[54] **TOOL COUPLER WITH ROTATING COUPLING METHOD FOR TOP DRIVE**
[54] **DISPOSITIF DE RACCORD D'OUTIL A METHODE DE COUPLAGE ROTATIF DESTINE A UN MECANISME D'ENTRAINEMENT SUPERIEUR**
[72] LIESS, MARTIN, DE
[72] FUEHRING,ERNST, DE
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[22] 2018-02-15
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[51] **Int.Cl. A61B 18/14 (2006.01) A61B 1/05 (2006.01) A61M 25/10 (2013.01)**
[25] EN
[54] **LENS IN BALLOON CATHETER**
[54] **LENTILLE DANS UN CATHETER BALLON**
[72] GLINER, VADIM, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2018-02-15
[41] 2018-08-28
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[13] A1
[51] **Int.Cl. B29C 70/40 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING MOLDED BODY**
[54] **METHODE DE PRODUCTION D'UN CORPS MOULE**
[72] MORITA, KENICHI, JP
[72] TAGUCHI, DAISEI, JP
[72] MATSUMOTO, YUSUKE, JP
[72] HASEBE, ASAHIKO, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2018-02-16
[41] 2018-08-28
[30] JP (2017-036314) 2017-02-28

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[51] **Int.Cl. B03B 5/04 (2006.01) B03B 4/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR WASHING AND GRADING SAND AND AGGREGATE**
[54] **METHODE ET APPAREIL DE LESSIVAGE ET CLASSEMENT DE SABLE ET D'AGREGATS**
[72] IVANOFF, ENDA, GB
[71] CDE GLOBAL LIMITED, GB
[22] 2018-02-16
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[25] EN
[54] **UNMANNED AERIAL VEHICLES**
[54] **VEHICULES AERIENS SANS PILOTE**
[72] RUSSELL, IAIN, GB
[71] RUSSELL, IAIN, GB
[22] 2018-02-20
[41] 2018-08-28
[30] GB (GB1703174.1) 2017-02-28
[30] GB (GB1801936.4) 2018-02-06

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[13] A1
[51] **Int.Cl. B01D 45/08 (2006.01)**
[25] EN
[54] **DIRECT DIFFUSE VAPOR SEPARATOR - STEAM TRAP SYSTEM**
[54] **SYSTEME DE SEPARATEUR DE VAPEUR ET PIEGE A VAPEUR A DIFFUSION DIRECTE**
[72] STEDNITZ, SAMUEL GREGORY, US
[72] LUNDBERG, GEORGE ALBERT, JR., US
[71] STRAHMAN VALVES, INC., US
[22] 2018-02-21
[41] 2018-08-27
[30] US (15/880,740) 2018-01-26
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[51] **Int.Cl. F16H 61/30 (2006.01) F16H 3/08 (2006.01) F16H 63/04 (2006.01)**
[25] EN
[54] **VEHICULAR POWER TRANSMITTING SYSTEM**
[54] **SYSTEME DE TRANSMISSION DE PUISSANCE VEHICULAIRE**
[72] YOSHIDA, MICHIO, JP
[72] NAKADA, HIROFUMI, JP
[72] SAITO, KAZUNORI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[51] **Int.Cl. H05B 37/02 (2006.01) B61L 9/04 (2006.01) H05B 37/04 (2006.01)**
[25] EN
[54] **HOT STANDBY FOR LAMP DRIVER**
[54] **ATTENTE A CHAUD DESTINEE A UN AMPLIFICATEUR DE VOYANT**
[72] HOGAN, BRIAN JOSEPH, US
[72] SCHMIDT, HOLGER, US
[71] SIEMENS INDUSTRY, INC., US
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[51] **Int.Cl. F16K 11/14 (2006.01) C02F 1/00 (2006.01) C02F 1/42 (2006.01) C02F 1/44 (2006.01) F16K 11/18 (2006.01) F16K 31/524 (2006.01)**
[25] EN
[54] **CONTROL VALVE ASSEMBLY FOR FLUID TREATMENT APPARATUS**
[54] **ASSEMBLAGE DE VANNE DE COMMANDE DESTINEE A UN APPAREILLAGE DE TRAITEMENT DE LIQUIDE**
[72] SLOMA, ADAM, US
[72] ANDERSON, DOUG, US
[72] SAHNI, HARKIRAT, US
[72] WEBB, LONNIE, US
[71] CULLIGAN INTERNATIONAL COMPANY, US
[22] 2018-02-23
[41] 2018-08-28
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[13] A1
[51] **Int.Cl. H01B 17/38 (2006.01) H01B 17/06 (2006.01)**
[25] EN
[54] **CABLE CAP**
[54] **CAPUCHON DE CABLE**
[72] BIER, JOSEPH, US
[72] JUILLET, CHRISTOPHER A., US
[72] MADDEN, JEFF, US
[71] RICHARDS MANUFACTURING COMPANY, A NEW JERSEY LIMITED PARTNERSHIP, US
[22] 2018-02-23
[41] 2018-09-01
[30] US (62/465,373) 2017-03-01
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[51] **Int.Cl. A61B 34/20 (2016.01) A61B 5/042 (2006.01) A61B 5/044 (2006.01) A61B 5/05 (2006.01) A61B 18/04 (2006.01)**
[25] EN
[54] **HIGHLIGHTING AN ELECTRODE IMAGE ACCORDING TO AN ELECTRODE SIGNAL**
[54] **SURBRILLANCE D'UNE IMAGE D'ELECTRODE EN FONCTION D'UN SIGNAL D'ELECTRODE**
[72] COHEN, BENJAMIN, IL
[72] NOVOGRODSKY, BEN AMI, IL
[72] KATZ, NATAN SHARON, IL
[72] ZAR, LIOR, IL
[72] TURGEMAN, AHARON, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2018-02-26
[41] 2018-08-27
[30] US (15/442,895) 2017-02-27

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[13] A1
[51] **Int.Cl. C21C 1/10 (2006.01) C21D 5/14 (2006.01)**
[25] EN
[54] **CONTROL MATERIAL, AND METHOD FOR PRODUCING SAME**
[54] **MATERIAU DE CONTROLE ET SA METHODE DE PRODUCTION**
[72] KAYA, MIKIO, JP
[71] ISHIKAWAJIMA INDUSTRIES, CO., LTD, JP
[22] 2018-02-26
[41] 2018-09-01
[30] JP (2017-37945) 2017-03-01

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[13] A1
[51] **Int.Cl. B07C 5/04 (2006.01) B29B 17/02 (2006.01)**
[25] EN
[54] **METHOD OF SORTING TRASH FOR RECYCLING OF PAPER AND APPARATUS FOR SORTING TRASH FOR PAPER RECYCLING**
[54] **METHODE DE TRI DE DECHETS EN VUE DE RECYCLER LE PAPIER ET APPAREIL DE TRI DES DECHETS EN VUE DE RECYCLER LE PAPIER**
[72] SCHELLATI, BRIAN, US
[71] VAN DYK BALER CORP., US
[22] 2018-02-26
[41] 2018-08-28
[30] US (62/464,536) 2017-02-28
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[13] A1
[51] **Int.Cl. A61B 17/94 (2006.01) A61B 17/32 (2006.01)**
[25] EN
[54] **LAPAROSCOPIC MORCELLATING RECEPTACLE AND METHODS OF USE**
[54] **RECEPTACLE DE MORCELLEMENT LAPAROSCOPIQUE ET METHODES D'UTILISATION**
[72] POLO, OSCAR, US
[71] POLO, OSCAR, US
[22] 2018-02-21
[41] 2018-08-31
[30] US (15/900,758) 2018-02-20

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[13] A1
[51] **Int.Cl. A61K 49/22 (2006.01) A61K 9/10 (2006.01)**
[25] EN
[54] **SHINY ULTRASOUND GEL**
[54] **GEL A ULTRASON LUISANT**
[72] FENZL, MARK EDWARD, US
[72] FENZL, TONYA SUZANNE, US
[71] FENZL, MARK EDWARD, US
[71] FENZL, TONYA SUZANNE, US
[22] 2018-02-26
[41] 2018-08-28
[30] US (15/444,412) 2017-02-28

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[13] A1
[51] **Int.Cl. C08G 8/06 (2006.01) B27N 3/02 (2006.01) C08L 61/12 (2006.01) C08L 97/02 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING THERMOSETTING PHENOLIC RESINS AND PHENOLIC RESINS OBTAINABLE BY THE METHOD**
[54] **METHODE DE PRODUCTION DE RESINES PHENOLIQUES THERMODURCISSABLES ET RESINES PHENOLIQUES AINSI OBTENUES PAR LA METHODE**
[72] MORTATO, MARIANGELA, CH
[72] KRAWIELITZKI, STEFAN, CH
[72] BADOUX, FRANCOIS, CH
[72] HOLMES, CHRISTOPHER, CH
[72] GHORBANI, MASOUMEH, CH
[72] SANGLARD, MARION, CH
[72] FREI, RETO, CH
[71] AVALON INDUSTRIES AG, CH
[22] 2018-02-26
[41] 2018-08-27
[30] EP (17158247.1) 2017-02-27
[30] EP (17158248.9) 2017-02-27
[30] EP (17158249.7) 2017-02-27

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[13] A1
[51] **Int.Cl. C08H 8/00 (2010.01) C08G 2/14 (2006.01) C08G 2/38 (2006.01)**
[25] EN
[54] **NEW HMF OLIGOMERS**
[54] **NOUVEAUX OLIGOMERES HMF**
[72] BADOUX, FRANCOIS, CH
[72] KOHLER, STEPHAN, DE
[72] MORTATO, MARIANGELA, CH
[72] KRAWIELITZKI, STEFAN, CH
[71] AVALON INDUSTRIES AG, CH
[22] 2018-02-26
[41] 2018-08-27
[30] EP (17158249.7) 2017-02-27

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[13] A1
[51] **Int.Cl. C08F 8/04 (2006.01) C08F 136/06 (2006.01) C10M 107/14 (2006.01) C10M 143/12 (2006.01)**
[25] EN
[54] **HYDROGENATED POLYBUTADIENES USEFUL AS LUBRICANT ADDITIVES**
[54] **POLYBUTADIENES HYDROGENES UTILES COMME ADDITIFS LUBRIFIANTS**
[72] SIRAK, SOFIA, US
[72] PLETSCH, HOLGER, DE
[72] KEMPER, MARIUS, DE
[71] EVONIK OIL ADDITIVES GMBH, DE
[22] 2018-02-26
[41] 2018-08-28
[30] EP (EP17158306) 2017-02-28

[21] **2,996,560**
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[51] **Int.Cl. H02B 1/40 (2006.01) A47B 45/00 (2006.01) E04F 19/08 (2006.01) H02B 1/44 (2006.01)**
[25] EN
[54] **VERTICAL WALL MOUNT HOST ENCLOSURE**
[54] **ENCEINTE D'ACCUEIL MURALE VERTICALE**
[72] PAPPAS, ANDREAS, US
[72] FRANETOVICH, JOHN, US
[71] MIDDLE ATLANTIC PRODUCTS, INC., US
[22] 2018-02-26
[41] 2018-08-27
[30] US (62/464,200) 2017-02-27

[21] **2,996,563**
[13] A1
[51] **Int.Cl. H01G 4/33 (2006.01) H01B 3/12 (2006.01) H01G 4/232 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR A THIN FILM DIELECTRIC STACK**
[54] **METHODE ET APPAREIL DESTINES A UN EMPILEMENT DIELECTRIQUE EN COUCHE MINCE**
[72] ZELNER, MARINA, CA
[72] CERVIN, ANDREW VLADIMIR CLAUDE, CA
[72] HORNE, EDWARD, CA
[71] BLACKBERRY LIMITED, CA
[22] 2018-02-27
[41] 2018-08-27
[30] US (62/464,168) 2017-02-27
[30] US (15/901,498) 2018-02-21

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[13] A1
[51] **Int.Cl. B27N 3/00 (2006.01)**
[25] EN
[54] **PROCESS FOR THE MANUFACTURE OF WOOD COMPOSITE MATERIALS AS WELL AS WOOD COMPOSITE MATERIALS OBTAINABLE BY THE PROCESS**
[54] **PROCEDE DE FABRICATION DE MATERIAUX COMPOSITES DE BOIS AINSI QUE MATERIAUX COMPOSITES DE BOIS OBTENUS PAR LE PROCEDE**
[72] BADOUX, FRANCOIS, CH
[72] KRAWIELITZKI, STEFAN, CH
[72] MORTATO, MARIANGELA, CH
[72] FREI, RETO, CH
[72] LAGEL, MARIE-CHRISTINE, FR
[72] HOLMES, CHRISTOPHER, CH
[71] AVALON INDUSTRIES AG, CH
[22] 2018-02-26
[41] 2018-08-27
[30] EP (17158248.9) 2017-02-27

[21] 2,996,566
[13] A1
[51] **Int.Cl. C08G 12/02 (2006.01) B27N 3/00 (2006.01) C08L 61/20 (2006.01) C08L 97/02 (2006.01)**
[25] EN
[54] **PROCESS FOR THE MANUFACTURE OF THERMALLY CURABLE RESINS AS WELL AS RESINS OBTAINABLE BY THE PROCESS**
[54] **PROCEDE DE FABRICATION DE RESINES DURCISSABLES THERMIQUEMENT AINSI QUE LES RESINES OBTENUES PAR LE PROCEDE**
[72] BADOUX, FRANCOIS, CH
[72] KRAWIELITZKI, STEFAN, CH
[72] MORTATO, MARIANGELA, CH
[72] FREI, RETO, CH
[72] HOLMES, CHRISTOPHER, CH
[72] LAGEL, MARIE-CHRISTINE, FR
[71] AVALON INDUSTRIES AG, CH
[22] 2018-02-26
[41] 2018-08-27
[30] EP (17158247.1) 2017-02-27

[21] 2,996,567
[13] A1
[51] **Int.Cl. B64F 5/60 (2017.01) B64F 5/40 (2017.01) B64C 1/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING AND REMOVING MOISTURE IN AN AIRCRAFT**
[54] **SYSTEME ET METHODE DE DETECTION ET RETRAIT DE L'HUMIDITE DANS UN AERONEF**
[72] BOLTON, JOSEPH A., US
[72] LARSON, MATTHEW R., US
[72] ZAYIC, SARAH E., US
[72] LEWIS, NIKI, US
[71] THE BOEING COMPANY, US
[22] 2018-02-26
[41] 2018-09-01
[30] US (15/446661) 2017-03-01

[21] 2,996,568
[13] A1
[51] **Int.Cl. F16B 2/22 (2006.01) F16B 2/24 (2006.01)**
[25] EN
[54] **CLIP FOR BUNDLED ARTICLES**
[54] **PINCE DESTINEE A DES ARTICLES REGROUPES**
[72] DESPRES, MICHAEL J., US
[71] GCK PRODUCTS, LLC, US
[22] 2018-02-26
[41] 2018-08-28
[30] US (62/464,421) 2017-02-28

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[13] A1
[51] **Int.Cl. B65D 75/36 (2006.01) B24D 3/00 (2006.01) B65D 17/28 (2006.01) B65D 75/52 (2006.01) E04F 13/02 (2006.01)**
[25] EN
[54] **BLISTER PACKAGE WITH DETACHABLE KNIFE**
[54] **EMBALLAGE A COQUES DOTE D'UN COUTEAU DETACHABLE**
[72] ESTEREICHER, IVAN JOHN, US
[71] ESTEREICHER, IVAN JOHN, US
[22] 2018-02-26
[41] 2018-08-27
[30] US (62/464,252) 2017-02-27

[21] 2,996,573
[13] A1
[51] **Int.Cl. G06F 19/00 (2018.01)**
[25] EN
[54] **METHOD AND APPLICATION FOR AIDING SELF PHOTOGRAPHY**
[54] **METHODE ET APPLICATION D'ASSISTANCE A L'EGOPHOTOGRAPHIE**
[72] SALEM, NAIM, CA
[71] SALEM, NAIM, CA
[22] 2018-02-27
[41] 2018-09-01
[30] US (62/465,195) 2017-03-01

[21] 2,996,576
[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01) G06F 15/18 (2006.01) G06N 3/02 (2006.01)**
[25] EN
[54] **ISOLATION MANAGEMENT SYSTEM AND ISOLATION MANAGEMENT METHOD**
[54] **SYSTEME DE GESTION D'ISOLATION ET METHODE DE GESTION D'ISOLATION**
[72] TAKAKURA, KEI, JP
[72] NAITO, SUSUMU, JP
[72] KURODA, HIDEHIKO, JP
[72] SHIBA, HIROKI, JP
[71] KABUSHIKI KAISHA TOSHIBA, JP
[71] TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION, JP
[22] 2018-02-26
[41] 2018-08-27
[30] JP (2017-034494) 2017-02-27

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[51] **Int.Cl. A61F 7/08 (2006.01) A61F 5/01 (2006.01) A61F 5/052 (2006.01) A61F 7/10 (2006.01) A61M 21/00 (2006.01)**
[25] EN
[54] **BRACE WITH REMOVABLE AROMATHERAPY POUCH**
[54] **SUPPORT DOTE D'UNE POCHETTE D'AROMATHERAPIE AMOVIBLE**
[72] HARRIGAN, JAHUMI, US
[71] HARRIGAN, JAHUMI, US
[22] 2018-02-27
[41] 2018-08-27
[30] US (15443408) 2017-02-27

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[13] A1
[51] **Int.Cl. C02F 1/44 (2006.01) B01D 36/02 (2006.01) C02F 1/00 (2006.01) C02F 1/28 (2006.01)**
[25] EN
[54] **FILTER APPARATUS FOR THE TREATMENT OF HYDROCARBON CONTAMINATED WATER**
[54] **APPAREIL DE FILTRE DESTINE AU TRAITEMENT DE L'EAU CONTAMINEE AUX HYDROCARBURES**
[72] BAZRI, MOHAMMAD M., CA
[72] MORADI, SONA, CA
[72] TOECKES, MARK, CA
[72] TRAUTMAN, EARL, CA
[71] DONMARK HOLDINGS INC., CA
[22] 2018-02-27
[41] 2018-08-28
[30] US (62464768) 2017-02-28

[21] **2,996,731**
[13] A1
[51] **Int.Cl. G06Q 10/04 (2012.01) G06Q 50/06 (2012.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR ENERGY USE NORMALIZATION AND FORECASTING**
[54] **METHODES ET SYSTEMES DESTINES A LA NORMALISATION ET LA PREVISION D'UTILISATION D'ENERGIE**
[72] BEHESHTI, SOOSAN, CA
[72] SAHEBALAM, ASSADALLAH, CA
[72] NIDOY, EDWARD W., CA
[72] PALMA, FRANCIS, CA
[71] SCREAMING POWER INC., CA
[22] 2018-02-28
[41] 2018-08-28
[30] US (15/444,456) 2017-02-28

[21] **2,996,765**
[13] A1
[51] **Int.Cl. B27B 31/06 (2006.01) G06T 17/00 (2006.01)**
[25] EN
[54] **FLITCH TRACKING**
[54] **SUIVI DE QUATERLOT**
[72] GREEN, PAUL W., CA
[72] FUJIMA, DWAYNE SEAWAI, CA
[71] USNR, LLC, US
[22] 2018-02-27
[41] 2018-08-27
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[21] **2,996,771**
[13] A1
[51] **Int.Cl. A01G 9/02 (2018.01) G09F 3/00 (2006.01)**
[25] EN
[54] **HORTICULTURAL CONTAINER WITH TAG SLOT**
[54] **CONTENANT HORTICOLE DOTE DE FENTE D'ETIQUETTE**
[72] PETTIGREW, DOUG, CA
[72] QUINLAN, ROBERT, US
[71] THE HC COMPANIES, INC., US
[22] 2018-02-27
[41] 2018-08-27
[30] US (62/464146) 2017-02-27
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[51] **Int.Cl. E03D 1/34 (2006.01) F16J 15/02 (2006.01) F16K 1/42 (2006.01) F16K 1/46 (2006.01)**
[25] EN
[54] **SEAL SURFACE ADAPTER FOR USE WITH TOILET FLUSH VALVES**
[54] **ADAPTATEUR DE SURFACE DE JOINT DESTINE AUX ROBINETS DE CHASSE D'EAU DE TOILETTE**
[72] GUTHRIE, KEVIN J., US
[71] LAVELLE INDUSTRIES, INC , US
[22] 2018-02-27
[41] 2018-08-28
[30] US (62/464,698) 2017-02-28

[21] **2,996,778**
[13] A1
[51] **Int.Cl. G16H 50/30 (2018.01) G01N 33/52 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS TO TRACK AND MANAGE INDIVIDUALIZED REDOX HOMEOSTASIS**
[54] **SYSTEMES ET METHODES DE SUIVI ET GESTION D'HOMEOSTASIE REDOX INDIVIDUALISEE**
[72] LEWIS, NATHAN, GB
[72] NEWELL, JOHN, IE
[72] PEDLAR, CHARLES R., GB
[72] MOORE, BRIAN, IE
[71] ORRECO, IE
[22] 2018-02-27
[41] 2018-08-28
[30] CA (2,959,740) 2017-02-28

[21] **2,996,780**
[13] A1
[51] **Int.Cl. F21V 29/503 (2015.01) F21V 29/70 (2015.01) H05K 7/02 (2006.01) H05K 7/20 (2006.01) F21K 9/00 (2016.01)**
[25] EN
[54] **AUTONOMOUS ELECTRONICS PLATFORM FOR LIGHT FIXTURES WITH INTEGRAL THERMAL MANAGEMENT PROPERTIES**
[54] **PLATEFORME ELECTRONIQUE AUTONOME DESTINEE AUX APPAREILS D'ECLAIRAGE DOTES DE PROPRIETES DE GESTION THERMIQUE INTEGREE**
[72] TWEEL, PATRICK M., US
[72] HALBACH, DAVID, US
[72] MILLER, MICHAEL RAY, US
[71] ABL IP HOLDING LLC, US
[22] 2018-02-27
[41] 2018-08-28
[30] US (62/464,596) 2017-02-28

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[13] A1
[51] **Int.Cl. B27B 31/06 (2006.01) G01B 11/245 (2006.01) G01B 21/20 (2006.01)**
[25] EN
[54] **LOG AND CANT OPTIMIZATION**
[54] **OPTIMISATION DE BILLE ET TASSEAU BISEAUTE**
[72] STRASKY, DOUGLAS G., CA
[72] LARSON, GERALD DAVID, CA
[72] MARINAKIS, DIMITRI, CA
[72] DOIEL, STEPHEN, US
[72] ARNOLD, ROBERT, US
[72] MUNION, RYAN, US
[71] USNR, LLC, US
[22] 2018-02-27
[41] 2018-08-27
[30] US (62/464,339) 2017-02-27

[21] 2,996,804
[13] A1
[51] **Int.Cl. B65D 1/24 (2006.01) B65D 6/04 (2006.01) B65D 21/032 (2006.01)**
[25] EN
[54] **CRATE**
[54] **PALETTE**
[72] CLARK, SUZANNE WHITFIELD, US
[72] APPS, WILLIAM P., US
[72] HASSELL, JON P., US
[71] REHRIG PACIFIC COMPANY, US
[22] 2018-02-27
[41] 2018-08-28
[30] US (62/464,621) 2017-02-28

[21] 2,996,820
[13] A1
[51] **Int.Cl. A23C 19/08 (2006.01) A23C 19/06 (2006.01) A23C 19/10 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR IMPROVING CHEESE PERFORMANCE**
[54] **COMPOSITIONS ET PROCEDES D'AMELIORATION DU RENDEMENT DU FROMAGE**
[72] CAI, RONGXUAN, US
[72] HINZE, DONITA M., US
[71] SFC GLOBAL SUPPLY CHAIN, INC., US
[22] 2018-02-27
[41] 2018-08-27
[30] US (62/463,989) 2017-02-27

[21] 2,996,821
[13] A1
[51] **Int.Cl. F16H 57/04 (2010.01) F16H 57/027 (2012.01) F16H 57/035 (2012.01) F16H 9/12 (2006.01)**
[25] EN
[54] **CONTINUOUSLY VARIABLE TRANSMISSION COOLING**
[54] **REFROIDISSEMENT DE TRANSMISSION A VARIATION CONTINUE**
[72] DAVIS, HUNTER SCOTT, US
[71] TEXTRON INC., US
[22] 2018-02-27
[41] 2018-08-28
[30] US (15/444,470) 2017-02-28

[21] 2,996,885
[13] A1
[51] **Int.Cl. A47B 95/02 (2006.01) A47B 96/00 (2006.01) E05C 3/12 (2006.01)**
[25] EN
[54] **HINGED DOOR WITH LATCH**
[54] **PORTE A CHARNIERE DOTEE D'UN VERROU**
[72] JEFFRIES, MARK STEVEN, US
[71] AUSTIN HARDWARE & SUPPLY, INC., US
[22] 2018-02-28
[41] 2018-08-28
[30] US (62/464,700) 2017-02-28

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[13] A1
[51] **Int.Cl. G01S 1/72 (2006.01) B60W 40/02 (2006.01) G01S 3/802 (2006.01) G08G 1/0965 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETECTION OF A TARGET SOUND**
[54] **SYTEMES ET METHODES DE DETECTION D'UN SON CIBLE**
[72] MOORE, BRIAN, CA
[72] HOANG, VIET, CA
[72] BRIZEL, KEN, CA
[72] ESFAHANY, SIAMAK AKHLAGHI, CA
[72] SANDHU, AJAY, CA
[71] SOLTARE INC., CA
[22] 2018-03-01
[41] 2018-09-01
[30] US (62/465,548) 2017-03-01
[30] US (62/529,657) 2017-07-07
[30] US (62/548,337) 2017-08-21

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[13] A1
[51] **Int.Cl. B65D 71/18 (2006.01) B65D 65/24 (2006.01) B65D 71/20 (2006.01)**
[25] FR
[54] **FLAN AND PACKAGING FOR PACKAGE OF JARS WITH A SPACING/DUNNING AND MANUFACTURING METHOD FOR PACKAGING JARS WITH SPACING/DUNNING PARTS**
[54] **FLAN ET EMBALLAGE POUR PACK DE POTS AVE PARTIE D'ESPACEMENT/CALAGE ET PROCEDE DE REALISATION D'UN EMBALLAGE DE PACK DE POTS AVE PARTIE D'ESPACEMENT/CALAGE**
[72] JEGO, FABIEN, FR
[71] SYNERLINK, FR
[22] 2018-02-28
[41] 2018-08-28
[30] FR (17/51634) 2017-02-28

[21] 2,996,957
[13] A1
[51] **Int.Cl. H04B 17/345 (2015.01) H04B 17/354 (2015.01) G01R 31/08 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR INTERFERENCE DETECTION AND DIAGNOSTIC IN CABLE NETWORKS**
[54] **METHODE ET SYSTEME DE DETECTION D'INTERFERENCE ET DIAGNOSTIC DANS LES RESEAUX CABLES**
[72] LATINI, PATRICIO, UY
[72] TORCHINSKY, MATIAS, UY
[72] AMBUHL, DIEGO, UY
[71] INTRAWAY R&D S.A., UY
[22] 2018-03-01
[41] 2018-09-01
[30] US (62/465,430) 2017-03-01
[30] US (62/573,211) 2017-10-27

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|51| **Int.Cl. G06F 17/00 (2006.01) G06F 15/16 (2006.01)**
|25| EN
|54| **METHOD AND SYSTEM FOR PARALLELIZATION OF INGESTION OF LARGE DATA SETS**
|54| **METHODE ET SYSTEME DE PARALLELISATION D'INGESTION DE GRANDS ENSEMBLES DE DONNEES**
|72| SCHOUERI, BADIH, CA
|72| GORSHTEIN, GREGORY, CA
|72| ANTONEVICH, VLADIMIR, CA
|71| NEXT PATHWAY INC., CA
|22| 2018-03-01
|41| 2018-09-01
|30| US (62/465426) 2017-03-01

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|13| A1
|51| **Int.Cl. E04B 2/74 (2006.01) E04B 1/61 (2006.01) E04B 1/62 (2006.01) E04G 21/24 (2006.01)**
|25| EN
|54| **RIGID PANEL CONTAINMENT SYSTEM AND RELATED METHODS**
|54| **SYSTEME DE CONFINEMENT DE PANNEAU RIGIDE ET METHODES ASSOCIEES**
|72| HARBER, BLAIR LAWRENCE, CA
|72| HUNNINCK, ADAM BRIAN, CA
|71| ABATEMENT TECHNOLOGIES, INC., US
|22| 2018-03-01
|41| 2018-09-01
|30| US (62/465,402) 2017-03-01

|21| **2,997,074**
|13| A1
|51| **Int.Cl. B65D 1/34 (2006.01) B65D 21/02 (2006.01)**
|25| EN
|54| **BAKERY TRAY**
|54| **PLATEAU DE BOULANGERIE-PATISSERIE**
|72| HASSELL, JON P., US
|71| REHRIG PACIFIC COMPANY, US
|22| 2018-03-01
|41| 2018-09-01
|30| US (62/465,716) 2017-03-01

|21| **2,997,142**
|13| A1
|51| **Int.Cl. E21B 43/114 (2006.01)**
|25| EN
|54| **ABRASIVE PERFORATOR WITH FLUID BYPASS**
|54| **PERFORATEUR ABRASIF A DEVIATION DE FLUIDE**
|72| SCHULTZ, ROGER L., US
|71| THRU TUBING SOLUTIONS, INC., US
|22| 2018-03-01
|41| 2018-09-01
|30| US (15/446,586) 2017-03-01

|21| **3,002,077**
|13| A1
|51| **Int.Cl. B02C 2/00 (2006.01)**
|25| EN
|54| **CONE CRUSHER**
|54| **BROYEUR A CONES**
|72| MCCLOSKEY, JAMES PASCHAL, CA
|72| KROL, ANDRZEJ, CA
|72| DUELLMAN, DENNIS, CA
|71| MCCLOSKEY INTERNATIONAL LTD., CA
|22| 2018-04-17
|41| 2018-08-28
|30| US (62/486,127) 2017-04-17

|21| **3,008,149**
|13| A1
|51| **Int.Cl. B03B 9/02 (2006.01) B03D 1/02 (2006.01)**
|25| EN
|54| **TAILINGS RECOVERY SYSTEM**
|54| **SYSTEME DE RECUPERATION DE RESIDUS**
|72| GOMAA, ALY, CA
|71| GOMAA, ALY, CA
|22| 2018-06-27
|41| 2018-08-29

|21| **3,009,243**
|13| A1
|51| **Int.Cl. B01D 53/50 (2006.01) B01D 53/14 (2006.01)**
|25| EN
|54| **METHOD FOR CONTROLLING AEROSOL PRODUCTION DURING ABSORPTION IN AMMONIA DESULFURIZATION**
|54| **METHODE DE CONTROLE DE LA PRODUCTION D'AEROSOL PENDANT L'ABSORPTION DANS LA DESULFURISATION D'AMMONIAC**
|72| LUO, JING, CN
|72| QI, LIFANG, CN
|72| WANG, JINYONG, CN
|71| JIANGNAN ENVIRONMENTAL PROTECTION GROUP INC., KY
|22| 2018-06-22
|41| 2018-08-28
|30| CN (201710800599.0) 2017-09-07
|30| US (15/923031) 2018-03-16

|21| **3,010,290**
|13| A1
|51| **Int.Cl. H04W 88/02 (2009.01) G06K 9/00 (2006.01)**
|25| EN
|54| **MAXIMIZING THE SIZE OF A WIDE-SCREEN MOVIE ON A MOBILE DEVICE WITH A FRONT CAMERA**
|54| **MAXIMISATION DE LA TAILLE D'UN FILM EN FORMAT GRAND ECRAN SUR UN DISPOSITIF MOBILE DOTE D'UNE CAMERA AVANT**
|72| PANTEL, LOTHAR, DE
|71| PANTEL, LOTHAR, DE
|22| 2018-06-29
|41| 2018-08-31
|30| GB (GB1710466.2) 2017-06-29

PCT Applications Entering the National Phase

Demandes PCT entrant en phase nationale

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[51] **Int.Cl. H02G 7/14 (2006.01)**
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[54] **TWISTER SLIDER ANTIGALLOPING DEVICE**
[54] **DISPOSITIF ANTIGALOPANT COULISSANT TORDU**
[72] RICHARDSON, ALBERT S., JR. (DECEASED), US
[71] RICHARDSON, ALBERT S., JR. (DECEASED), US
[85] 2017-08-11
[86] 2017-02-28 (PCT/US2017/019863)
[87] (2976240)

[21] **2,991,359**
[13] A1
[51] **Int.Cl. H04L 29/12 (2006.01) H04L 12/701 (2013.01) H04L 12/931 (2013.01)**
[25] EN
[54] **PACKET PROCESSING METHOD IN CLOUD COMPUTING SYSTEM, HOST, AND SYSTEM**
[54] **PROCEDE DE TRAITEMENT DE PAQUET DANS UN SYSTEME INFORMATIQUE EN NUAGE, UN HEBERGEUR ET UN SYSTEME**
[72] YU, ZHOU, CN
[72] ZHANG, LEIQIANG, CN
[72] ZHUANG, YUXIN, CN
[72] LUO, HAO, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2018-01-09
[86] 2016-11-09 (PCT/CN2016/105228)
[87] (2991359)

[21] **3,002,263**
[13] A1
[51] **Int.Cl. F15B 15/22 (2006.01) F15B 21/08 (2006.01) F16F 9/50 (2006.01)**
[25] EN
[54] **INTELLIGENT FEEDBACK VARIABLE-THROTTLE BUFFERING SYSTEM AND BUFFERING METHOD THEREOF**
[54] **SYSTEME D'ATTENUATEUR REGULATEUR VARIABLE A RETROACTION INTELLIGENTE ET METHODE D'ATTENUATION ASSOCIEE**
[72] WANG, CHENGLONG, CN
[72] QIU, ZHIWEI, CN
[72] ZENG, QINGLIANG, CN
[72] CHEN, MENG, CN
[72] LIU, ZHIHAI, CN
[72] MA, FANFAN, CN
[72] MENG, ZHAOSHENG, CN
[72] FENG, PENGCHAO, CN
[71] SHANDONG UNIVERSITY OF SCIENCE AND TECHNOLOGY, CN
[85] 2018-04-20
[86] 2017-08-02 (PCT/CN2017/095573)
[87] (3002263)
[30] CN (201710119902.0) 2017-03-01

[21] **3,005,251**
[13] A1
[51] **Int.Cl. C12N 5/0784 (2010.01) C07K 17/04 (2006.01) C12P 21/00 (2006.01)**
[25] EN
[54] **LIPIDS AS SYNTHETIC VECTORS TO ENHANCE ANTIGEN PROCESSING AND PRESENTATION EX-VIVO IN DENDRITIC CELL THERAPY**
[54] **LIPIDES EN TANT QUE VECTEURS SYNTHETIQUES POUR AMELIORER LE TRAITEMENT ET LA PRESENTATION DE L'ANTIGENE EX-VIVO EN THERAPIE CELLULAIRE DENDRITIQUE**
[72] CONN, GREG, ES
[72] GANDHAPUDI, SIVA K., US
[72] KEOUGH, MARTIN, US
[72] MOHS, ANGELA, US
[72] PATEL, RITU, US
[72] SINGH, SHWETA, US
[72] WARD, MARTIN, US
[72] WOODWARD, JEROLD, US
[72] BEDU-ADDO, FRANK, US
[71] PDS BIOTECHNOLOGY CORPORATION, US
[71] CONN, GREG, ES
[71] GANDHAPUDI, SIVA K., US
[71] KEOUGH, MARTIN, US
[71] MOHS, ANGELA, US
[71] PATEL, RITU, US
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[71] BEDU-ADDO, FRANK, US
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[54] **HEATING ELECTRODE DEVICE, ELECTRICAL HEATING GLASS, HEAT-GENERATING PLATE, VEHICLE, WINDOW FOR BUILDING, SHEET WITH CONDUCTOR, CONDUCTIVE PATTERN SHEET, CONDUCTIVE HEAT-GENERATING BODY, LAMINATED GLASS, AND MANUFACTURING METHOD FOR CONDUCTIVE HEAT-GENERATING BODY**
[54] **DISPOSITIF D'ELECTRODE CHAUFFANTE, VERRE ELECTROTHERMIQUE, PLAQUE DE GENERATION DE CHALEUR, VEHICULE, FENETRE DE BATIMENT, FEUILLE AVEC CONDUCTEUR, FEUILLE DE MOTIF CONDUCTRICE, CORPS DE GENERATION DE CHALEUR CONDUCTEUR AINSI QUE PROCEDE DE FABRICATION DE CELUI-CI, ET VERRE FEUILLETE**
[72] SUETSUGU, HIROTOSHI, JP
[72] HIRAKAWA, MANABU, JP
[72] GOISHIHARA, SATOSHI, JP
[72] NAKAMURA, HIDENORI, JP
[72] MATSUFUJI, KAZUO, JP
[72] KINOSHITA, KOICHI, JP
[71] DAI NIPPON PRINTING CO., LTD., JP
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[54] **HAY-BASED MATERIAL FREE OF RESPIRABLE DUST EMISSION: PROCESS FOR ITS PREPARATION, USE AND ASSOCIATED MACHINE**
[54] **MATERIAU A BASE DE FOIN SANS EMISSION DE POUSSIERE RESPIRABLE : PROCEDE DE PREPARATION, UTILISATION ET MACHINE ASSOCIEE**
[72] LEVAC, DANIELLE, CA
[72] GUAY, SERGE, CA
[71] NUTRI-FOIN SYSTEME INC., CA
[85] 2018-06-19
[86] 2018-02-27 (PCT/CA2018/050221)
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[54] **PERSONAL CARE COMPOSITION COMPRISING TAURINE, ARGININE, GLYCINE**
[54] **COMPOSITION DE SOINS PERSONNELS COMPRENANT DE LA TAURINE, DE L'ARGININE ET DE LA GLYCINE**
[72] NABI, ZEENAT, US
[72] CHENG, SHUJIANG, US
[72] SIOMYK, HALYNA, US
[72] DU-THUMM, LAURENCE D., US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2018-06-19
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[54] **COMPOSITIONS AND METHODS OF USE OF .BETA.-HYDROXY-.BETA.-METHYLBUTYRATE (HMB) FOR MODULATING AUTOPHAGY AND LIPOPHAGY**
[54] **COMPOSITIONS ET METHODES D'UTILISATION DE .BETA.-HYDROXY-.BETA.-METHYLBUTYRATE (HMB) POUR MODULER L'AUTOPHAGIE ET LA LIPOPHAGIE**
[72] ABUMRAD, NAJI, US
[72] RATHMACHER, JOHN, US
[72] BAIER, SHAWN, US
[71] METABOLIC TECHNOLOGIES, INC., US
[85] 2018-07-19
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[54] **COMPOSITIONS AND USES OF ALPHA-ADRENERGIC AGENTS**
[54] **COMPOSITIONS ET UTILISATIONS D'AGENTS ALPHA-ADRENERGIQUES**
[72] LITVACK, FRANK, US
[72] HEMMATI, HOUMAN, US
[71] LEVATION PHARMA LTD., US
[85] 2018-07-25
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[25] EN
[54] SPECIFIC CONJUGATION LINKERS, SPECIFIC IMMUNOCONJUGATES THEREOF, METHODS OF MAKING AND USES SUCH CONJUGATES THEREOF
[54] LIEURS DE CONJUGAISON SPECIFIQUE, IMMUNOCONJUGUES SPECIFIQUES DE CEUX-CI, PROCEDES DE FABRICATION ET UTILISATIONS DESDITS CONJUGUES DE CEUX-CI
[72] ZHAO, ROBERT YONGXIN, US
[72] YANG, QINGLIANG, CN
[72] HUANG, YUANYUAN, CN
[72] GAI, SHUN, CN
[72] ZHAO, LINYAO, CN
[72] YE, HANGBO, CN
[72] GUO, HUIHUI, CN
[72] TONG, QIANQIAN, CN
[72] CAO, MINJUN, CN
[72] JIA, JUNXIANG, CN
[72] YANG, CHENGYU, CN
[72] LI, WENJUN, CN
[72] ZHOU, XIAOMAI, CN
[72] XIE, HONGSHENG, CN
[72] LIN, CHEN, CN
[72] GUO, ZHIXIANG, CN
[72] YE, ZHICANG, CN
[71] SUZHOU M-CONJ BIOTECH CO., LTD, CN
[71] HANGZHOU DAC BIOTECH CO., LTD., CN
[71] ZHAO, ROBERT YONGXIN, US
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[25] EN
[54] PROCESS FOR MANUFACTURE OF MILK PERMEATE POWDERS
[54] PROCEDE POUR LA FABRICATION DE POUDRES DE PERMEAT DE LAIT
[72] METZGER, LLOYD, US
[72] MARELLA, CHENCHAIAH, US
[71] IDAHO MILK PRODUCTS, US
[71] SOUTH DAKOTA STATE UNIVERSITY, US
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[54] GLUCOSE CONJUGATES OF TRIPTOLIDE, ANALOGS AND USES THEREOF
[54] CONJUGUES GLUCOSE DE TRIPTOLIDE, ANALOGUES ET UTILISATIONS CORRESPONDANTS
[72] LIU, JUN, US
[72] HE, QINGLI, GB
[72] POMPER, MARTIN G., US
[72] MINN, II, US
[72] YU, BIAO, CN
[72] WANG, QIAOLING, US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2018-08-02
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[25] EN
[54] METHOD OF PREPARING AN OXIDATIVELY CURABLE COATING FORMULATION
[54] PROCEDE DE PREPARATION D'UNE FORMULATION DE REVETEMENT DURCISSABLE PAR OXYDATION
[72] MAAIJEN, KARIN, NL
[72] HAGE, RONALD, NL
[71] CATEXEL LIMITED, GB
[85] 2018-08-03
[86] 2017-02-06 (PCT/GB2017/050284)
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[25] EN
[54] CANCER VACCINES AND METHODS OF TREATMENT USING THE SAME
[54] VACCINS ANTICANCEREUX ET METHODES DE TRAITEMENT LES UTILISANT
[72] YAN, JIAN, US
[71] INOVIO PHARMACEUTICALS, INC., US
[85] 2018-08-03
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|54| **APPARATUS AND METHOD FOR FORMULATION AND DISPENSING OF VISUALLY CUSTOMIZED COSMETICS**
|54| **APPAREIL ET PROCEDE DE FORMULATION ET DE DISTRIBUTION DE PRODUITS COSMETIQUES VISUELLEMENT PERSONNALISES**
|72| NICHOL, JAMIE GORDON, US
|72| PARK, SUNG K., US
|71| EQUALITY COSMETICS, INC., US
|85| 2018-08-07
|86| 2017-02-08 (PCT/US2017/016920)
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|54| **PHOTOVOLTAIC ROOF TILE HAVING A LENGTH-ADJUSTABLE CURRENT LINE**
|54| **TUILE PHOTOVOLTAIQUE DOTEE D'UNE LIGNE ELECTRIQUE DE LONGUEUR VARIABLE**
|72| HAKENBERG, PETER, DE
|71| RHEINENERGIE AG, DE
|85| 2018-08-08
|86| 2017-03-03 (PCT/EP2017/055003)
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|25| EN
|54| **PET FOOD**
|54| **ALIMENT POUR ANIMAL DOMESTIQUE**
|72| STEWART, DOUGLAS, US
|71| MARS, INCORPORATED, US
|85| 2018-08-08
|86| 2017-02-23 (PCT/US2017/018992)
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|25| EN
|54| **SELF-SUPPORTING PLUGS AND OTHER STRUCTURES FOR USE IN PLANT PRODUCTION**
|54| **BOUCHONS AUTOPORTANTS ET AUTRES STRUCTURES A UTILISER DANS LA PRODUCTION DE PLANTES**
|72| JENSEN, MARTIN, DK
|72| PEDERSEN, THOMAS BRORSEN, DK
|71| OXYDATOR IVS, DK
|85| 2018-04-27
|86| 2016-10-26 (PCT/EP2016/025127)
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|25| EN
|54| **ALCOHOLIC BEVERAGE CONCENTRATE PROCESS**
|54| **PROCEDE DE PREPARATION DE CONCENTRE DE BOISSON ALCOOLISEE**
|72| PETERSON, PETER, US
|72| NOVAK, THOMAS J., US
|71| BEDFORD SYSTEMS LLC, US
|85| 2018-08-13
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|54| **PROFILE FOR THE FASTENING AND THERMAL INSULATION SYSTEM OF WINDOWS, DOORS AND FACADES**
|54| **PROFILE POUR UN SYSTEME DE FIXATION ET D'ISOLATION THERMIQUE DE FENETRES, PORTES ET FACADES**
|72| BORUSZEWSKI, ARTUR, PL
|71| "ERGO PLUS" SP. Z.O.O., PL
|85| 2018-08-13
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|25| EN
|54| **NESTED PACKAGING FOR PHARMACEUTICAL PRODUCTS, AND METHODS OF DISTRIBUTING PHARMACEUTICAL PRODUCTS USING SAME**
|54| **EMBALLAGE A EMBOITEMENTS POUR PRODUITS PHARMACEUTIQUES, ET PROCEDES DE DISTRIBUTION DE PRODUITS PHARMACEUTIQUES L'UTILISANT**
|72| CORTES, EDY, CH
|72| ADATTE, THIERRY, CH
|71| CELGENE CORPORATION, US
|85| 2018-08-13
|86| 2017-02-22 (PCT/US2017/018871)
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[25] EN
[54] **GYPSUM PANELS, SYSTEMS, AND METHODS**
[54] **PLAQUES DE PLATRE, SYSTEMES ET PROCEDES**
[72] TENG, YI-HSIEN HARRY, US
[72] TRICKER, ANDREW W., US
[72] THOMAS, VINCENT B., US
[72] BRADFORD, ROCHELLE, US
[72] SANDERS, CHRISTOPHER J., US
[71] GEORGIA-PACIFIC GYPSUM LLC, US
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[54] **EXERCISE DEVICE**
[54] **DISPOSITIF D'EXERCICE**
[72] TAIT, BRENDON, NZ
[71] BRAND DEVELOPERS LIMITED, NZ
[85] 2018-08-15
[86] 2017-02-21 (PCT/NZ2017/050019)
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[51] **Int.Cl. C09D 5/02 (2006.01) A01N 55/08 (2006.01) C09D 5/14 (2006.01)**
[25] EN
[54] **BENZOXABOROLE-CONTAINING COATING RESISTANT TO CELLULOSE-SUPPORTABLE FUNGUS**
[54] **REVETEMENT CONTENANT DU BENZOXABOROLE RESISTANT A UN CHAMPIGNON SUSCEPTIBLE D'ETRE PORTE PAR LA CELLULOSE**
[72] BENKOVIC, STEPHEN J., US
[72] LIU, CHUN YU, US
[72] KAISER, EDWARD Q., US
[71] THE PENN STATE RESEARCH FOUNDATION, US
[85] 2018-08-15
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[54] **SPINAL SUPPORT DEVICE**
[54] **DISPOSITIF DE SUPPORT VERTEBRAL**
[72] CORRIGAN, CHARLES RYAN, CA
[71] AEXOS INC., CA
[85] 2018-05-09
[86] 2016-11-08 (PCT/CA2016/051296)
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[25] EN
[54] **A SMOKING ARTICLE AND MOUTHPIECE THEREFOR**
[54] **ARTICLE A FUMER ET EMBOUT CORRESPONDANT**
[72] KALJURA, KARL, GB
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2018-08-16
[86] 2016-02-26 (PCT/GB2016/050502)
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[54] **A SMOKING ARTICLE AND MOUTHPIECE THEREFOR**
[54] **ARTICLE A FUMER ET EMBOUT ASSOCIE**
[72] KALJURA, KARL, GB
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2018-08-16
[86] 2016-02-26 (PCT/GB2016/050503)
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[54] **A SMOKING ARTICLE AND MOUTHPIECE THEREFOR**
[54] **ARTICLE A FUMER ET EMBOUT CORRESPONDANT**
[72] KALJURA, KARL, GB
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
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[54] **METHOD AND APPARATUS FOR MEASURING A COMPOSITION OF A MULTIPHASE FLUID**
[54] **PROCEDE ET APPAREIL DE MESURE D'UNE COMPOSITION D'UN FLUIDE MULTIPHASIQUE**
[72] PARKER, ALAN DAVID, GB
[72] EDWARD, GILES, GB
[72] TREMOLET, ARNAULT, GB
[72] WALL-CLARKE, ALEX, GB
[71] M-FLOW TECHNOLOGIES LIMITED, GB
[85] 2018-08-13
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[25] EN
[54] **SKI POLE WITH INTEGRATED SENSORS FOR FORCE AND POWER MEASUREMENT**
[54] **BATON DE SKI AVEC CAPTEURS INTEGRES POUR LA MESURE DE FORCE ET DE PUISSANCE**
[72] FISCHER, HANS CHRISTIAN, CA
[72] FISCHER, ANTON HUBERT, CA
[72] SMITH, ALASTAIR, CA
[71] PROSKIDA INC., CA
[85] 2018-08-16
[86] 2017-02-17 (PCT/CA2017/050209)
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[54] **DESULFURATION DE GAZ DE CARNEAU D'ECHAPPEMENT MARIN**
[72] BAHADUR THAPA, SHYAM, NO
[72] STRANDBERG, PETER, NO
[71] YARA MARINE TECHNOLOGIES AS, NO
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[54] **BIG BORE RUNNING TOOL QUICK LOCK ADAPTOR**
[54] **ADAPTATEUR DE VERROU RAPIDE D'OUTIL DE POSE DE GRAND ALESAGE**
[72] KOHN, GARY ALLEN, US
[72] MORENO, CARLOS ALBERTO, US
[72] DAIGLE, ODEE PAUL, US
[72] HUMPHREY, RYAN THOMAS, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[72] WEITZEL, JARED D., US
[72] TEMPLE, WILLIAMS S., US
[72] BAKER, GORDON C., US
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[72] CHAN, LEO M., CA
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[54] **PROCEDES DE DETECTION D'ORGANISMES GENETIQUEMENT MODIFIES (OGM)**
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[72] LI, LIANGHONG, CA
[72] OVERGAARD, STEVEN, CA
[72] WLODEK, MIKE, CA
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[54] **PROCEDES ET APPAREIL DE REDUCTION D'ARTEFACTS DANS UNE ANGIOGRAPHIE-OCT GRACE A DES TECHNIQUES D'APPRENTISSAGE AUTOMATIQUE**
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[72] JANG, BEN K., US
[72] SHARMA, UTKARSH, US
[72] ZHOU, QIENYUAN, US
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[72] MUHLLEITNER, HEINZ, AT
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[54] **COMPOSES 6-HETEROCYCLYL-4-MORPHOLIN-4-YLPYRIDINE-2-ONE UTILISES POUR LE TRAITEMENT DU CANCER ET DU DIABETE**
[72] MARTINSSON, JESSICA, SE
[72] ANDERSSON, MARTIN, SE
[72] LINDSTROM, JOHAN, SE
[72] FORSBLOM, RICKARD, SE
[72] RAHM, FREDRIK, SE
[72] GINMAN, TOBIAS, SE
[72] VIKLUND, JENNY, SE
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[54] **PROCEDE ET VEHICULE DE TRANSPORT DESTINES AU CHARGEMENT ET DECHARGEMENT**
[72] HOTZENDORFER, PATRICK, AT
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[54] **PROCEDES ET COMPOSITIONS POUR UNE UTILISATION DANS LA PREVENTION, LE TRAITEMENT ET/OU LE SOULAGEMENT DU CANCER**
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[72] HOCK, MICHAEL, DE
[72] SCHAAKE, HENRIK, DE
[72] GABRIEL, STEPHAN, DE
[72] BAECKE, MARTIN, DE
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[72] EILERTSEN, BJORN, NO
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[72] AMAN KHAN, FAHAD, DE
[72] TOMIYAMA, NATALIA, DE
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[54] **COMPOSE TRICYCLIQUE SERVANT D'IMMUNOMODULATEUR**
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[72] WANG, DAHAI, CN
[72] LIANG, GUIBAI, CN
[72] HU, GUOPING, CN
[72] LI, JIAN, CN
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[54] **PROCEDE DE FABRICATION D'UNE STRUCTURE STRATIFIEE COMPOSITE**
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[72] HOLLENBECK, DONALD, US
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[72] FRANK, MARKUS, DE
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[71] EWAB ENGINEERING AB, SE
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[72] ALGIE, CAMPBELL, AU
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[54] SYSTEMES ET PROCEDES DE FABRICATION D'UN PRODUIT
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[72] GUPTA, SUNIL KUMAR, AU
[72] VENKATESH, SVETHA, AU
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[71] KONINKLIJKE NEDERLANDSE AKADEMIE VAN WETENSCHAPPEN, NL
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[54] **STENT DELIVERY SYSTEM**
[54] **SYSTEME DE DISTRIBUTION DE STENT**
[72] MAIER, JAN, DE
[72] EISOLD, GERD, DE
[71] JOLINE GMBH & CO. KG, DE
[85] 2018-08-17
[86] 2017-02-16 (PCT/EP2017/053490)
[87] (WO2017/140772)
[30] DE (10 2016 102 990.4) 2016-02-19
[30] DE (10 2016 115 351.6) 2016-08-18

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[51] **Int.Cl. A61K 31/20 (2006.01) A61K 31/201 (2006.01) A61K 31/202 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING FATTY ACIDS AND THEIR USE**
[54] **COMPOSITIONS COMPRENANT DES ACIDES GRAS ET LEUR UTILISATION**
[72] SCHNEIDER, NORA, CH
[72] HAUSER, JONAS, CH
[72] SILVA ZOLEZZI, IRMA, CH
[72] SAMUEL, TINU MARY, CH
[72] DEONI, SEAN, US
[72] BARTFAI, TAMAS, SE
[71] NESTEC S.A., CH
[85] 2018-08-17
[86] 2017-03-30 (PCT/EP2017/057576)
[87] (WO2017/167899)
[30] US (62/315,142) 2016-03-30
[30] US (62/315,152) 2016-03-30
[30] US (62/315,158) 2016-03-30
[30] US (62/315,163) 2016-03-30
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[30] US (62/328,094) 2016-04-27
[30] EP (PCT/EP2016/080786) 2016-12-13

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[13] A1
[51] **Int.Cl. H01P 1/12 (2006.01)**
[25] EN
[54] **SWITCH NETWORK HOUSING**
[54] **BOITIER DE RESEAU DE COMMUTATEUR**
[72] RUMER, SIMON, GB
[72] MORRIS, IAN, GB
[72] BOUZEKRI, OILID, GB
[72] HAMER, MAURICE JOSEPH, GB
[71] AIRBUS DEFENCE AND SPACE LIMITED, GB
[85] 2018-08-17
[86] 2017-03-16 (PCT/GB2017/050722)
[87] (WO2017/158361)
[30] GB (1604609.6) 2016-03-18

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[51] **Int.Cl. A61L 31/12 (2006.01) A61L 15/26 (2006.01) A61L 15/32 (2006.01) A61L 15/44 (2006.01) A61L 15/60 (2006.01) A61L 15/64 (2006.01) A61L 31/14 (2006.01) A61L 31/16 (2006.01)**
[25] FR
[54] **COMPOSITE BIOMATERIALS WITH CONTROLLED RELEASE OF THE ACTIVE INGREDIENT, PREPARATION METHOD, AND USES**
[54] **BIOMATERIAUX COMPOSITES A LIBERATION CONTROLEE DE PRINCIPE ACTIF, PROCEDE DE PREPARATION ET UTILISATIONS**
[72] HELARY, CHRISTOPHE, FR
[72] CORADIN, THIBAUD, FR
[71] SORBONNE UNIVERSITE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2018-08-17
[86] 2017-02-20 (PCT/FR2017/050377)
[87] (WO2017/144806)
[30] FR (1651432) 2016-02-22

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[13] A1
[51] **Int.Cl. G06F 9/44 (2018.01) G06F 3/14 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DEFINING AND GENERATING REQUIREMENT DATA FROM INPUT RECORDS**
[54] **SYSTEMES ET PROCEDES DE DEFINITION ET DE GENERATION DE DONNEES DE BESOINS A PARTIR D'ENREGISTREMENTS D'ENTREES**
[72] IGGINS, TONY, CA
[72] MOTLAGH, SEAN, CA
[72] BENFIELD, JASON, CA
[71] BLUEPRINT SOFTWARE SYSTEMS INC., CA
[85] 2018-08-17
[86] 2017-02-17 (PCT/IB2017/050927)
[87] (WO2017/141214)
[30] US (62/296,760) 2016-02-18

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[13] A1
[51] **Int.Cl. C04B 28/14 (2006.01)**
[25] FR
[54] **PLASTERBOARD**
[54] **PLAQUE DE PLATRE**
[72] DION, YANN, FR
[72] CHUDA, KATARZYNA, FR
[72] DEMATHIEU-ROELTGEN, CAROLINE, FR
[72] CHENAL, MARION, FR
[71] SAINT-GOBAIN PLACO, FR
[85] 2018-08-17
[86] 2017-03-13 (PCT/FR2017/050562)
[87] (WO2017/158269)
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[51] **Int.Cl. G06F 17/10 (2006.01) G06Q 10/04 (2012.01) G06Q 40/06 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DECOMPOSING A PROBLEM INVOLVING DISCRETE OPTIMIZATION INTO A PLURALITY OF SMALLER SUBPROBLEMS AND ITS USE FOR SOLVING THE PROBLEM**
[54] **METHODE ET SYSTEME DE DECOMPOSITION D'UN PROBLEME IMPLIQUANT L'OPTIMISATION DISCRETE DANS UNE PLURALITE DE SOUS-PROBLEMES PLUS PETITSET SON UTI LISATION POUR LA RESOLUTION DU PROBLEME**
[72] KARIMI, HAMED, CA
[72] ROSENBERG, GILAD, CA
[71] 1QB INFORMATION TECHNOLOGIES INC., CA
[85] 2018-08-17
[86] 2017-03-02 (PCT/IB2017/051224)
[87] (WO2017/149491)
[30] US (62/302,437) 2016-03-02

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[51] **Int.Cl. C04B 28/14 (2006.01) B01J 20/32 (2006.01)**
[25] FR
[54] **METHOD FOR MANUFACTURING PLASTERBOARDS**
[54] **PROCEDE DE FABRICATION DE PLAQUES DE PLATRE**
[72] DION, YANN, FR
[72] CHUDA, KATARZYNA, FR
[72] DEMATHIEU-ROELTGEN, CAROLINE, FR
[72] CHENAL, MARION, FR
[71] SAINT-GOBAIN PLACO, FR
[85] 2018-08-17
[86] 2017-03-13 (PCT/FR2017/050563)
[87] (WO2017/158270)
[30] FR (1652120) 2016-03-14

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[13] A1
[51] **Int.Cl. B23D 57/00 (2006.01)**
[25] FR
[54] **METHOD AND DEVICE FOR CUTTING A PLATE OR A PANEL OF POROUS CONSTRUCTION MATERIAL**
[54] **PROCEDE ET DISPOSITIF DE DECOUPE D'UNE PLAQUE OU D'UN PANNEAU DE MATERIAU DE CONSTRUCTION POREUX**
[72] DOUCHE, JEAN-PIERRE, FR
[71] SAINT-GOBAIN PLACO, FR
[85] 2018-08-17
[86] 2017-03-15 (PCT/FR2017/050591)
[87] (WO2017/158290)
[30] FR (1652198) 2016-03-15

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[13] A1
[51] **Int.Cl. B23D 57/00 (2006.01) B23D 61/18 (2006.01)**
[25] FR
[54] **METHOD FOR CUTTING A MATTRESS, A PANEL, OR A SLAB OF MINERAL WOOL OR A POROUS CONSTRUCTION MATERIAL**
[54] **PROCEDE DE DECOUPE D'UN MATELAS, D'UN PANNEAU OU D'UNE PLAQUE EN LAINE MINERALE OU MATERIAU DE CONSTRUCTION POREUX**
[72] DOUCHE, JEAN-PIERRE, FR
[71] SAINT-GOBAIN PLACO, FR
[85] 2018-08-17
[86] 2017-03-15 (PCT/FR2017/050593)
[87] (WO2017/158292)
[30] FR (1652198) 2016-03-15
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[13] A1
[51] **Int.Cl. B25B 27/10 (2006.01) F15B 7/02 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR TRANSMITTING A MECHANICAL FORCE FOR DRIVING A PRESSING DEVICE FOR PRESS FITTINGS**
[54] **DISPOSITIF ET PROCEDE DE CONVERSION D'UNE FORCE MECANIQUE POUR L'ENTRAINEMENT D'UN DISPOSITIF DE COMPRESSION DE RACCORDS A COMPRESSION**
[72] RISCHEN, CHRISTIAN, DE
[72] ROSENTHAL, JORG, DE
[72] GRUNKEMEIER, UWE, DE
[71] VIEGA TECHNOLOGY GMBH & CO. KG, DE
[85] 2018-08-17
[86] 2017-02-16 (PCT/EP2017/053508)
[87] (WO2017/140785)
[30] DE (10 2016 102 960.2) 2016-02-19

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[13] A1
[51] **Int.Cl. A01M 17/00 (2006.01) A01M 19/00 (2006.01) A01M 21/04 (2006.01)**
[25] EN
[54] **SYSTEM FOR THE DISINFECTION OF AGRICULTURAL SOIL**
[54] **SYSTEME DE DESINFECTION DE SOL AGRICOLE**
[72] VECCHI, GIUSEPPE, IT
[72] DASSANO, GIANLUCA, IT
[72] GIORDANENGO, GIORGIO, IT
[71] POLITECNICO DI TORINO, IT
[85] 2018-08-17
[86] 2017-02-16 (PCT/IB2017/050864)
[87] (WO2017/141180)
[30] IT (102016000016781) 2016-02-18

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[13] A1
[51] **Int.Cl. B05B 7/00 (2006.01) A47J 31/46 (2006.01)**
[25] EN
[54] **SMALL CONICAL FILTER PLATE**
[54] **PLAQUE FILTRANTE CONIQUE**
[72] ZWICK, BORIS, DE
[71] UBERMORGEN INNOVATIONS GMBH, DE
[85] 2018-08-17
[86] 2017-02-16 (PCT/EP2017/053549)
[87] (WO2017/140809)
[30] DE (10 2016 102 795.2) 2016-02-17

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[51] **Int.Cl. C12Q 1/00 (2006.01) C12Q 1/68 (2018.01) G01N 33/569 (2006.01)**
[25] EN
[54] **ANALYZING RNA FOR DIAGNOSING INFECTION TYPE**
[54] **ANALYSE D'ARN POUR DIAGNOSTIQUER UN TYPE D'INFECTION**
[72] EDEN, ERAN, IL
[72] OVED, KFIR, IL
[72] COHEN-DOTAN, ASSAF, IL
[72] NAVON, ROY, IL
[72] BOICO, OLGA, IL
[72] KRONENFELD, GALI, IL
[72] SIMON, EINAV, IL
[71] MEMED DIAGNOSTICS LTD., IL
[85] 2018-08-17
[86] 2017-03-02 (PCT/IL2017/050270)
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[30] US (62/302,994) 2016-03-03

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[51] **Int.Cl. C07D 213/76 (2006.01) A61K 31/5377 (2006.01) A61P 3/00 (2006.01) A61P 35/00 (2006.01) C07D 413/04 (2006.01) C07D 413/12 (2006.01)**
[25] EN
[54] **6-ARYL-4-MORPHOLIN-1-YLPYRIDONE COMPOUNDS USEFUL FOR THE TREATMENT OF CANCER AND DIABETES**
[54] **COMPOSES 6-ARYL-4-MORPHOLIN-1-YL-PYRIDONE UTILISES POUR LE TRAITEMENT DU CANCER ET DU DIABETE**
[72] MARTINSSON, JESSICA, SE
[72] ANDERSSON, MARTIN, SE
[72] LINDSTROM, JOHAN, SE
[72] FORSBLOM, RICKARD, SE
[72] RAHM, FREDRIK, SE
[72] GINMAN, TOBIAS, SE
[72] VIKLUND, JENNY, SE
[71] SPRINT BIOSCIENCE AB, SE
[85] 2018-08-17
[86] 2017-02-17 (PCT/EP2017/053612)
[87] (WO2017/140841)
[30] EP (16156530.4) 2016-02-19

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[13] A1
[51] **Int.Cl. C12Q 1/00 (2006.01) C12Q 1/68 (2018.01) G01N 33/569 (2006.01)**
[25] EN
[54] **RNA DETERMINANTS FOR DISTINGUISHING BETWEEN BACTERIAL AND VIRAL INFECTIONS**
[54] **DETERMINANTS D'ARN POUR DIFFERENCIER DES INFECTIONS BACTERIENNES D'INFECTIONS VIRALES**
[72] OVED, KFIR, IL
[72] EDEN, ERAN, IL
[72] BOICO, OLGA, IL
[72] KRONENFELD, GALI, IL
[72] NAVON, ROY, IL
[72] COHEN-DOTAN, ASSAF, IL
[72] SIMON, EINAV, IL
[71] MEMED DIAGNOSTICS LTD., IL
[85] 2018-08-17
[86] 2017-03-02 (PCT/IL2017/050271)
[87] (WO2017/149548)
[30] US (62/302,849) 2016-03-03

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[13] A1
[51] **Int.Cl. H04L 27/22 (2006.01)**
[25] EN
[54] **RECEIVING DEVICE**
[54] **APPAREIL DE RECEPTION**
[72] NODA, YASUNORI, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2018-08-17
[86] 2016-02-22 (PCT/JP2016/054982)
[87] (WO2017/145215)

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[13] A1
[51] **Int.Cl. H02M 3/155 (2006.01) H02H 7/125 (2006.01) H02M 7/12 (2006.01)**
[25] EN
[54] **CONVERTER DEVICE**
[54] **DISPOSITIF CONVERTISSEUR**
[72] KUTSUKI, TOMOHIRO, JP
[72] SAKAI, AKIRA, JP
[72] SUZUKI, DAISUKE, JP
[72] ICHIKI, SATORU, JP
[72] TANAKA, AKITO, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2018-08-17
[86] 2016-02-24 (PCT/JP2016/055504)
[87] (WO2017/145303)

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[13] A1
[51] **Int.Cl. C10J 3/84 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR POWER PRODUCTION INCLUDING METHANATION**
[54] **SYSTEME ET PROCEDE DE PRODUCTION D'ELECTRICITE COMPRENANT LA METHANATION**
[72] FORREST, BROCK ALAN, US
[72] LU, XIJIA, US
[71] 8 RIVERS CAPITAL, LLC, US
[85] 2018-08-17
[86] 2017-02-16 (PCT/IB2017/050879)
[87] (WO2017/141186)
[30] US (62/296,730) 2016-02-18

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[13] A1
[51] **Int.Cl. A47J 41/00 (2006.01) A47J 36/02 (2006.01) A47J 47/14 (2006.01)**
[25] EN
[54] **DECORATIVE HOLDER FOR SERVING/CATERING TRAYS AND TINS**
[54] **SUPPORT DECORATIF POUR BOITES ET PLATEAUX DE DESSERTE/RESTAURATION**
[72] CASEY, JANE, US
[72] YEAGER, CHARLENE, US
[71] SUGAR BEETS, LLC, US
[85] 2018-08-17
[86] 2017-01-31 (PCT/US2017/015811)
[87] (WO2017/146878)
[30] US (15/054,564) 2016-02-26

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/7105 (2006.01) A61K 48/00 (2006.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01)**
[25] EN
[54] **COMPLEX CAPABLE OF INHIBITING GENETIC FUNCTION IN EXOSOME, AND CANCER PROLIFERATION AND/OR METASTASIS SUPPRESSOR**
[54] **COMPLEXE CAPABLE D'INHIBER LA FONCTION GENETIQUE DANS UN EXOSOME, ET SUPPRESSEUR DE LA PROLIFERATION ET/OU DE LA METASTASE CANCEREUSES**
[72] YAMAYOSHI, ASAKO, JP
[72] MURAKAMI, AKIRA, JP
[72] ASHIHARA, EISHI, JP
[72] KOBORI, AKIO, JP
[71] KYOTO UNIVERSITY, JP
[71] KYOTO PHARMACEUTICAL UNIVERSITY, JP
[85] 2018-08-17
[86] 2017-02-17 (PCT/JP2017/005994)
[87] (WO2017/142083)
[30] JP (2016-028924) 2016-02-18

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[13] A1
[51] **Int.Cl. F03G 3/00 (2006.01) F03G 3/08 (2006.01)**
[25] EN
[54] **APPARATUS FOR GENERATING PROPULSIVE FORCE WITHOUT USING REACTION OF SUBSTANCE**
[54] **APPAREIL DE GENERATION DE FORCE PROPULSIVE SANS RECOURS A LA REACTION D'UNE SUBSTANCENCE**
[72] NARAHARA, YUTAKA, JP
[71] NARAHARA, YUTAKA, JP
[85] 2018-08-17
[86] 2016-05-02 (PCT/JP2016/063563)
[87] (WO2017/149789)
[30] JP (2016-038496) 2016-03-01

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[13] A1
[51] **Int.Cl. H01M 8/02 (2016.01) H01M 8/24 (2016.01) H01M 8/10 (2016.01)**
[25] EN
[54] **FUEL CELL STACK**
[54] **EMPILEMENT DE PILES A COMBUSTIBLE**
[72] KAGEYAMA, KAZUHIRO, JP
[72] SATO, KAZUYUKI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-08-17
[86] 2016-10-17 (PCT/JP2016/080703)
[87] (WO2017/145436)
[30] JP (2016-031632) 2016-02-23

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[13] A1
[51] **Int.Cl. G01C 21/16 (2006.01) G01C 21/18 (2006.01) G01C 21/24 (2006.01) G01P 15/14 (2013.01) G05D 23/19 (2006.01)**
[25] EN
[54] **THERMAL STABILIZATION OF INERTIAL MEASUREMENT UNITS**
[54] **STABILISATION THERMIQUE D'UNITES DE MESURE D'INERTIE**
[72] SOMMER, JEREMY SINCLAIR, US
[71] AGJUNCTION LLC, US
[85] 2018-08-17
[86] 2017-02-03 (PCT/US2017/016470)
[87] (WO2017/142716)
[30] US (62/297,712) 2016-02-19
[30] US (15/420,910) 2017-01-31

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[13] A1
[51] **Int.Cl. B29B 15/08 (2006.01) B29C 70/10 (2006.01)**
[25] EN
[54] **DISCONTINUOUS FIBRE-REINFORCED COMPOSITE MATERIAL**
[54] **MATERIAU COMPOSITE RENFORCE PAR FIBRES DISCONTINUES**
[72] MIYOSHI, KATSUHIRO, JP
[72] HASHIMOTO, TAKAFUMI, JP
[72] MOTOHASHI, TETSUYA, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2018-08-17
[86] 2017-02-15 (PCT/JP2017/005409)
[87] (WO2017/145883)
[30] JP (2016-034341) 2016-02-25

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[13] A1
[51] **Int.Cl. B29B 15/08 (2006.01) B29C 70/12 (2006.01)**
[25] EN
[54] **DISCONTINUOUS FIBRE-REINFORCED COMPOSITE MATERIAL**
[54] **MATERIAU COMPOSITE RENFORCE DE FIBRES DISCONTINUES**
[72] MIYOSHI, KATSUHIRO, JP
[72] HASHIMOTO, TAKAFUMI, JP
[72] MOTOHASHI, TETSUYA, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2018-08-17
[86] 2017-02-15 (PCT/JP2017/005410)
[87] (WO2017/145884)
[30] JP (2016-034342) 2016-02-25

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[13] A1
[51] **Int.Cl. H04N 21/2362 (2011.01) H04N 21/238 (2011.01) G06F 13/00 (2006.01)**
[25] EN
[54] **TRANSMISSION DEVICE, TRANSMISSION METHOD, RECEPTION DEVICE, AND RECEPTION METHOD**
[54] **DISPOSITIF D'EMISSION, PROCEDE D'EMISSION, DISPOSITIF DE RECEPTION ET PROCEDE DE RECEPTION**
[72] TSUKAGOSHI, IKUO, JP
[71] SONY CORPORATION, JP
[85] 2018-08-17
[86] 2017-02-27 (PCT/JP2017/007572)
[87] (WO2017/154646)
[30] JP (2016-046002) 2016-03-09

[21] **3,015,064**
[13] A1
[51] **Int.Cl. H04W 16/14 (2009.01)**
[25] EN
[54] **SERVER DEVICE, INFORMATION PROCESSING DEVICE AND METHOD**
[54] **DISPOSITIF SERVEUR, ET DISPOSITIF ET PROCEDE DE TRAITEMENT D'INFORMATIONS**
[72] FURUICHI, SHO, JP
[71] SONY CORPORATION, JP
[85] 2018-08-17
[86] 2017-02-16 (PCT/JP2017/005740)
[87] (WO2017/154508)
[30] JP (2016-048251) 2016-03-11

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[13] A1
[51] **Int.Cl. A23G 3/36 (2006.01) A23L 29/206 (2016.01)**
[25] EN
[54] **FAST SETTING EDIBLE GLUE**
[54] **COLLE COMESTIBLE A SECHAGE RAPIDE**
[72] RENGART, EMELIE, SE
[71] ERAEY AB, SE
[85] 2018-08-17
[86] 2017-02-16 (PCT/SE2017/050148)
[87] (WO2017/142468)
[30] SE (1650216-3) 2016-02-19

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[13] A1
[51] **Int.Cl. C07C 319/20 (2006.01) C07C 315/02 (2006.01) C07C 317/22 (2006.01) C07C 323/12 (2006.01) B01J 31/22 (2006.01) C07B 61/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING SULFOXIDE DERIVATIVE**
[54] **PROCEDE DE PRODUCTION D'UN DERIVE DE SULFOXIDE**
[72] YASUMURA, SHINGO, JP
[71] KUMIAI CHEMICAL INDUSTRY CO., LTD., JP
[85] 2018-08-17
[86] 2017-02-28 (PCT/JP2017/007595)
[87] (WO2017/150478)
[30] JP (2016-040728) 2016-03-03

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[13] A1
[51] **Int.Cl. A47B 87/02 (2006.01) A47B 91/08 (2006.01) A63H 3/52 (2006.01) A63H 33/08 (2006.01) B60P 3/34 (2006.01) E04B 5/43 (2006.01)**
[25] EN
[54] **MODULAR SYSTEM FOR A ROOM, FOR A LIVING, WORK OR STORAGE AREA, OR FOR OTHER THREE-DIMENSIONAL SPACES**
[54] **SYSTEME MODULAIRE DESTINE A UNE PIECE, UNE ZONE DE VIE, DE TRAVAIL OU DE STOCKAGE, OU A D'AUTRES ESPACES TRIDIMENSIONNELS**
[72] MAY, DEREK M., US
[71] HAPPIER CAMPER, INC., US
[85] 2018-08-17
[86] 2017-02-21 (PCT/US2017/018702)
[87] (WO2017/143335)
[30] US (62/296,821) 2016-02-18

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[13] A1
[51] **Int.Cl. A61K 9/14 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF TOLERIZING IMMUNE-MODULATING PARTICLES**
[54] **PROCEDE DE PREPARATION DE PARTICULES IMMUNOMODULATRICES INDUISANT UNE TOLERANCE**
[72] GETTS, DANIEL R., US
[72] FOKTA, FRANK, US
[72] PEARSON, RYAN, US
[71] COUR PHARMACEUTICALS DEVELOPMENT COMPANY, INC., US
[85] 2018-08-17
[86] 2017-02-21 (PCT/US2017/018743)
[87] (WO2017/143346)
[30] US (62/296,840) 2016-02-18

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[13] A1
[51] **Int.Cl. A61N 1/05 (2006.01) A61B 5/04 (2006.01) A61N 1/08 (2006.01)**
[25] EN
[54] **INTEGRATED POWER DELIVERY, COMMUNICATION, AND HEALTH MONITORING SYSTEM FOR IMPLANTABLE ELECTRODE**
[54] **SYSTEME DE SURVEILLANCE DE L'ETAT DE SANTE, DE COMMUNICATION ET A DISTRIBUTION D'ENERGIE INTEGREE POUR ELECTRODE IMPLANTABLE**
[72] GUYON, DANIEL, US
[72] HOLLOSI, BRENT, US
[72] LACHAPELLE, JOHN R., US
[72] NUGENT, BRIAN, US
[72] MURESAN, MATTHEW, US
[71] THE CHARLES STARK DRAPER LABORATORY, INC., US
[85] 2018-08-17
[86] 2017-02-22 (PCT/US2017/018878)
[87] (WO2017/147153)
[30] US (62/298,190) 2016-02-22

[21] **3,015,076**
[13] A1
[51] **Int.Cl. C01B 3/24 (2006.01) B01J 10/00 (2006.01) C01B 3/34 (2006.01)**
[25] EN
[54] **METHOD OF CARBON DIOXIDE-FREE HYDROGEN PRODUCTION FROM HYDROCARBON DECOMPOSITION OVER METAL SALTS**
[54] **PROCEDE DE PRODUCTION D'HYDROGENE SANS DIOXYDE DE CARBONE PAR DECOMPOSITION D'HYDROCARBURES SUR DES SELS METALLIQUES**
[72] ERLEBACHER, JONAH, US
[72] GASKEY, BERNARD, US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2018-08-17
[86] 2017-02-22 (PCT/US2017/018910)
[87] (WO2017/147168)
[30] US (15/050,318) 2016-02-22

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[13] A1
[51] **Int.Cl. F21V 8/00 (2006.01)**
[25] EN
[54] **LOW PROFILE INTERCONNECT FOR LIGHT EMITTER**
[54] **INTERCONNEXION A PROFIL BAS POUR EMETTEUR DE LUMIERE**
[72] CURTIS, KEVIN, US
[71] MAGIC LEAP, INC., US
[85] 2018-08-17
[86] 2017-02-23 (PCT/US2017/019178)
[87] (WO2017/147322)
[30] US (62/299,163) 2016-02-24

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[13] A1
[51] **Int.Cl. H04J 11/00 (2006.01) H04W 56/00 (2009.01) H04L 27/26 (2006.01) H04L 25/03 (2006.01)**
[25] EN
[54] **EXTENDED SYNCHRONIZATION SIGNAL FOR SYMBOL INDEX DETECTION**
[54] **SIGNAL DE SYNCHRONISATION ETENDU PERMETTANT UNE DETECTION D'INDICE DE SYMBOLE**
[72] SADIQ, BILAL, US
[72] LUO, TAO, US
[72] CEZANNE, JUERGEN, US
[72] ABEDINI, NAVID, US
[72] MUKKAVILLI, KRISHNA KIRAN, US
[72] ISLAM, MUHAMMAD NAZMUL, US
[72] SUBRAMANIAN, SUNDAR, US
[72] SAMPATH, ASHWIN, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-08-17
[86] 2017-02-27 (PCT/US2017/019652)
[87] (WO2017/165080)
[30] US (62/313,110) 2016-03-24
[30] US (62/315,659) 2016-03-30
[30] US (62/317,492) 2016-04-01
[30] US (62/324,873) 2016-04-19
[30] US (15/270,879) 2016-09-20

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[13] A1
[51] **Int.Cl. A61N 1/05 (2006.01) A61N 1/36 (2006.01)**
[25] EN
[54] **ELECTRO-STIMULATION DEVICE EFFECTIVE IN MUSCLE LOCATION IDENTIFICATION AND THERAPEUTIC RESPONSE ENHANCEMENT**
[54] **DISPOSITIF D'ELECTRO-STIMULATION EFFICACE POUR L'IDENTIFICATION DE LOCALISATION DE MUSCLES ET L'AMELIORATION DE REPONSE THERAPEUTIQUE**
[72] CAKMAK, YUSUF OZGUR, TR
[72] UREY, HAKAN, TR
[72] OZSOY, BURAK, TR
[72] OLCER, SELIM, TR
[71] KOC UNIVERSITESI, TR
[85] 2018-08-17
[86] 2016-03-09 (PCT/TR2016/050064)
[87] (WO2017/155484)

[21] **3,015,080**
[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) A61K 39/385 (2006.01) C07K 14/74 (2006.01) C12N 15/12 (2006.01)**
[25] EN
[54] **WHOLE-CELL CANCER VACCINES AND METHODS FOR SELECTION THEREOF**
[54] **VACCINS ANTICANCEREUX A CELLULES ENTIERES ET LEURS PROCEDES DE SELECTION**
[72] LACHER, MARKUS DANIEL, US
[72] WAGNER, JOSEPH PAUL, US
[72] WISEMAN, CHARLES LOUIS, US
[72] WILLIAMS, WILLIAM VALENTINE, US
[71] BRIACELL THERAPEUTICS CORP., US
[85] 2018-08-17
[86] 2017-02-27 (PCT/US2017/019757)
[87] (WO2017/147600)
[30] US (62/299,674) 2016-02-25
[30] US (62/425,027) 2016-11-21

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[13] A1
[51] **Int.Cl. C12P 9/00 (2006.01) A01N 57/20 (2006.01) C12N 1/21 (2006.01) C12N 9/10 (2006.01) C12P 13/04 (2006.01) C12P 41/00 (2006.01)**
[25] EN
[54] **METHODS FOR MAKING L-GLUFOSINATE**
[54] **PROCEDES DE PRODUCTION DE L-GLUFOSINATE**
[72] GREEN, BRIAN MICHAEL, US
[72] GRADLEY, MICHELLE LORRAINE, GB
[71] AGRIMETIS, LLC, US
[85] 2018-08-17
[86] 2017-02-28 (PCT/US2017/019871)
[87] (WO2017/151573)
[30] US (62/302,421) 2016-03-02
[30] US (62/336,989) 2016-05-16
[30] US (62/413,240) 2016-10-26

[21] **3,015,085**
[13] A1
[51] **Int.Cl. G06Q 40/06 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR TRADING REPURCHASE AGREEMENTS**
[54] **SYSTEME ET PROCEDE DE NEGOCIATION DE PENSIONS SUR TITRES**
[72] DALE, JAMES, GB
[72] JONES, PAUL, IE
[71] TRADEWEB MARKETS LLC, US
[85] 2018-08-17
[86] 2016-02-17 (PCT/US2016/018280)
[87] (WO2016/134025)
[30] US (62/117,758) 2015-02-18

[21] **3,015,088**
[13] A1
[51] **Int.Cl. F16M 11/40 (2006.01)**
[25] EN
[54] **MULTI-APPENDAGE DEVICE FOR HOLDING, GRIPPING, OR SUSPENDING AN OBJECT**
[54] **DISPOSITIF A APPENDICES MULTIPLES POUR TENIR, SAISIR OU SUSPENDRE UN OBJET**
[72] LOWRY, DONNA RENA, US
[72] MOORE, HEYWARD ALEXANDER, US
[72] PEREZ, JUAN CARLOS, US
[72] MCNEIL, RAESHON LAMONT, US
[72] BAKER, NICHOLAS PRESTON, US
[71] OCTOGRIP, LLC, US
[85] 2018-08-17
[86] 2016-02-18 (PCT/US2016/018546)
[87] (WO2016/134189)
[30] US (14/625,611) 2015-02-18

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[13] A1
[51] **Int.Cl. C12P 7/10 (2006.01) C12P 7/14 (2006.01) D21C 5/02 (2006.01)**
[25] EN
[54] **HYDROTHERMAL-MECHANICAL CONVERSION OF LIGNOCELLULOSIC BIOMASS TO ETHANOL OR OTHER FERMENTATION PRODUCTS**
[54] **CONVERSION HYDROTHERMIQUE-MECANIQUE D'UNE BIOMASSE LIGNOCELLULOSIQUE EN ETHANOL OU D'AUTRES PRODUITS DE FERMENTATION**
[72] RETSINA, THEODORA, US
[72] PYLKKANEN, VESA, US
[72] RUTHERFORD, STEVEN, US
[72] MONCLIN, JEAN-PIERRE, US
[71] API INTELLECTUAL PROPERTY HOLDINGS, LLC, US
[85] 2018-08-17
[86] 2016-02-19 (PCT/US2016/018556)
[87] (WO2016/134195)
[30] US (62/118,335) 2015-02-19
[30] US (62/141,664) 2015-04-01
[30] US (62/150,643) 2015-04-21
[30] US (62/197,160) 2015-07-27
[30] US (62/240,461) 2015-10-12
[30] US (62/263,292) 2015-12-04
[30] US (62/267,533) 2015-12-15
[30] US (15/047,608) 2016-02-18

[21] **3,015,098**
[13] A1
[51] **Int.Cl. C07D 403/12 (2006.01) C07D 209/02 (2006.01)**
[25] EN
[54] **NEW TOXIN AND METHOD FOR PREPARING INTERMEDIATE THEREOF**
[54] **NOUVELLE TOXINE ET PROCEDE DE PREPARATION DE SON INTERMEDIAIRE**
[72] XU, JIANYAN, CN
[72] ZHANG, YING, CN
[72] QU, BOLEI, CN
[72] JIANG, GUIYANG, CN
[71] JIANGSU HENGRUI MEDICINE CO., LTD., CN
[71] SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD., CN
[85] 2018-08-20
[86] 2017-02-24 (PCT/CN2017/074756)
[87] (WO2017/144015)
[30] CN (201610107901.X) 2016-02-26

[21] **3,015,103**
[13] A1
[51] **Int.Cl. B65D 85/804 (2006.01)**
[25] EN
[54] **MULTI-CHAMBER CAPSULE SYSTEM FOR PRODUCING A BEVERAGE**
[54] **SYSTEME DE CAPSULE MULTI-COMPARTIMENTS POUR LA PRODUCTION D'UNE BOISSON**
[72] REHFUSS, EVGENI, DE
[72] KLEINLEIN, PHILIPP, DE
[72] JEDLINSKI, JAKUB JAN, DE
[71] BSH HAUSGERATE GMBH, DE
[85] 2018-08-20
[86] 2017-01-20 (PCT/EP2017/051195)
[87] (WO2017/144202)
[30] DE (10 2016 202 674.7) 2016-02-22

[21] **3,015,106**
[13] A1
[51] **Int.Cl. A61L 27/36 (2006.01)**
[25] FR
[54] **METHOD FOR PREPARING AN ALLOGRAFT MATERIAL, PRODUCT OBTAINED, AND USES THEREOF**
[54] **PROCEDE DE PREPARATION D'UN MATERIAU D'ALLOGREFFE, PRODUIT OBTENU, ET UTILISATIONS DE CELUI-CI**
[72] BARNOUIN, LAURENCE, FR
[72] GUNZEL SAINT UPERY, ELISE, FR
[71] TBF GENIE TISSULAIRE (TBF), FR
[85] 2018-08-17
[86] 2017-02-20 (PCT/EP2017/053820)
[87] (WO2017/140914)
[30] FR (1651306) 2016-02-18

[21] **3,015,108**
[13] A1
[51] **Int.Cl. F03D 17/00 (2016.01)**
[25] EN
[54] **A BLADE DEFLECTION MONITORING SYSTEM**
[54] **SYSTEME DE SURVEILLANCE DE FLECHISSEMENT DE PALE**
[72] ZHANG, SHUAI, DK
[72] BYSKOV, CLAUS, DK
[72] FROLUND PEDERSEN, GERT, DK
[71] LM WP PATENT HOLDING A/S, DK
[85] 2018-08-17
[86] 2017-02-21 (PCT/EP2017/053949)
[87] (WO2017/144472)
[30] EP (16156966.0) 2016-02-23

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[13] A1
[51] **Int.Cl. G01S 3/06 (2006.01) G01S 3/08 (2006.01) G01S 3/38 (2006.01) H01Q 3/24 (2006.01) H01Q 3/44 (2006.01) H01Q 21/00 (2006.01) H01Q 21/06 (2006.01) H01Q 21/20 (2006.01) H01Q 21/24 (2006.01) H04B 7/185 (2006.01)**
[25] EN
[54] **ACQUIRING AND TRACKING A SATELLITE SIGNAL WITH A MOBILE ANTENNA**
[54] **ACQUISITION ET SUIVI DE SIGNAL SATELLITE PAR ANTENNE MOBILE**
[72] JOHNSON, MIKALA, US
[72] MASON, TIMOTHY, US
[72] ROTHAAR, BRUCE, US
[72] CZERNER, TODD, US
[71] KYMETA CORPORATION, US
[85] 2018-08-17
[86] 2017-03-01 (PCT/US2017/020232)
[87] (WO2017/151790)
[30] US (62/302,051) 2016-03-01
[30] US (62/438,282) 2016-12-22
[30] US (15/445,541) 2017-02-28

[21] **3,015,112**
[13] A1
[51] **Int.Cl. G01S 7/486 (2006.01)**
[25] FR
[54] **DEVICE FOR D'' ECTING A LASER SPOT**
[54] **DISPOSITIF DE DETECTION D'UN SPOT LASER**
[72] MARTINEZ, ALAIN, FR
[71] SAFRAN ELECTRONICS & DEFENSE, FR
[85] 2018-08-17
[86] 2017-02-24 (PCT/EP2017/054400)
[87] (WO2017/148832)
[30] FR (16 00330) 2016-02-29

[21] **3,015,114**
[13] A1
[51] **Int.Cl. A63B 47/00 (2006.01) A63B 47/02 (2006.01)**
[25] EN
[54] **DUAL FUNCTIONAL ROBOT AND STORAGE BIN**
[54] **ROBOT A DOUBLE FONCTION ET BENNE DE STOCKAGE**
[72] ELETRABI, HAITHAM, US
[71] TENNIBOT INC., US
[85] 2018-08-17
[86] 2016-02-23 (PCT/US2016/019159)
[87] (WO2016/138012)
[30] US (62/120,855) 2015-02-25
[30] US (62/210,461) 2015-08-27
[30] US (14/985,020) 2015-12-30

[21] **3,015,115**
[13] A1
[51] **Int.Cl. A47L 11/29 (2006.01) A47L 11/30 (2006.01) A47L 11/40 (2006.01) B60S 5/00 (2006.01)**
[25] EN
[54] **SERVICE SYSTEM**
[54] **SYSTEME D'ENTRETIEN**
[72] WINDMEISSER, DIETER, CH
[71] DIVERSEY, INC., US
[85] 2018-08-17
[86] 2017-03-03 (PCT/EP2017/055001)
[87] (WO2017/149116)
[30] US (62/302,844) 2016-03-03

[21] **3,015,116**
[13] A1
[51] **Int.Cl. H01F 27/04 (2006.01) H01F 27/02 (2006.01) H01F 41/10 (2006.01)**
[25] EN
[54] **WINDING ARRANGEMENT HAVING A PLUG-IN BUSHING**
[54] **ARRANGEMENT D'ENROULEMENT COMPORTANT UNE BAGUE DE RACCORDEMENT**
[72] SILLE, RICHARD, DE
[72] MAI, TIM-FELIX, DE
[72] WEINERT, STEFFEN, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2018-08-20
[86] 2017-02-09 (PCT/EP2017/052839)
[87] (WO2017/153115)
[30] DE (10 2016 203 776.5) 2016-03-08

[21] **3,015,118**
[13] A1
[51] **Int.Cl. B60T 17/22 (2006.01) F16D 66/02 (2006.01)**
[25] EN
[54] **ULTRASONIC BRAKE WEAR SENSORS**
[54] **CAPTEURS ULTRASONORES D'USURE DE FREIN**
[72] WILKES, JOHN, GB
[72] BATEMAN, DAVID, GB
[71] MEGGITT AEROSPACE LIMITED, GB
[85] 2018-08-17
[86] 2017-02-23 (PCT/GB2017/050470)
[87] (WO2017/149276)
[30] GB (1603444.9) 2016-02-29

[21] **3,015,119**
[13] A1
[51] **Int.Cl. A61K 36/758 (2006.01) A61K 36/28 (2006.01) A61K 36/9066 (2006.01) A61K 36/9068 (2006.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS USEFUL IN THE PREVENTION AND/OR TREATMENT OF INFLAMMATION AND PAIN**
[54] **COMPOSITIONS UTILES DANS LA PREVENTION ET/OU LE TRAITEMENT DE L'INFLAMMATION ET DE LA DOULEUR**
[72] BOMBARDELLI, EZIO, IT
[71] INDENA S.P.A., IT
[85] 2018-08-20
[86] 2017-02-20 (PCT/EP2017/053787)
[87] (WO2017/144411)
[30] IT (102016000019244) 2016-02-24

[21] **3,015,121**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/713 (2006.01) A61K 38/16 (2006.01) A61K 38/19 (2006.01) A61K 47/10 (2017.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01)**
[25] EN
[54] **POLYMALIC ACID BASED NANOIMMUNOCONJUGATES AND USES THEREOF**
[54] **NANOIMMUNOCONJUGUES A BASE D'ACIDE POLYMALIQUE ET LEURS UTILISATIONS**
[72] LJUBIMOVA, JULIA Y., US
[72] BLACK, KEITH L., US
[72] HOLLER, EGGEHARD, US
[72] LJUBIMOV, ALEXANDER, US
[72] DING, HUI, US
[71] CEDARS-SINAI MEDICAL CENTER, US
[85] 2018-08-17
[86] 2017-03-03 (PCT/US2017/020666)
[87] (WO2017/152054)
[30] US (62/303,845) 2016-03-04

[21] **3,015,123**
[13] A1
[51] **Int.Cl. B62B 3/14 (2006.01)**
[25] EN
[54] **SHOPPING CART APPARATUS**
[54] **APPAREIL DU TYPE CHARIOT DE SUPERMARCHE**
[72] SHERMAN, MICHAEL, MILTON, US
[72] BALL, WILLIAM, LANE, US
[71] ZIBRA, LLC, US
[85] 2018-08-17
[86] 2016-02-23 (PCT/US2016/019206)
[87] (WO2016/138048)
[30] US (62/119,363) 2015-02-23

[21] **3,015,126**
[13] A1
[51] **Int.Cl. A01G 13/02 (2006.01) E04D 11/00 (2006.01)**
[25] EN
[54] **DRAINAGE ELEMENT FOR PLANTS, AND USE THEREOF**
[54] **ELEMENT DE DRAINAGE POUR PLANTES ET UTILISATION**
[72] BROWA, MARIO, DE
[71] BROWA, MARIO, DE
[85] 2018-08-20
[86] 2017-02-20 (PCT/EP2017/053789)
[87] (WO2017/144412)
[30] DE (10 2016 103 065.1) 2016-02-22

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[13] A1
[51] **Int.Cl. A61K 36/74 (2006.01) A61K 9/20 (2006.01) A61K 9/48 (2006.01) A61K 36/82 (2006.01) A61P 25/00 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OF "PLAQUES AND TANGLES" IN HUMANS AND ANIMALS**
[54] **COMPOSITIONS ET METHODES POUR LE TRAITEMENT DE "PLAQUES" ET DE "NOEUDS" CHEZ LES ETRES HUMAINS ET LES ANIMAUX**
[72] CAM, JUDY, US
[72] LAKE, THOMAS, US
[72] HU, QUBAI, US
[72] CUMMINGS, JOEL, US
[72] SNOW, ALAN D., US
[71] COGNITIVE CLARITY INC., US
[85] 2018-08-17
[86] 2016-02-25 (PCT/US2016/019572)
[87] (WO2016/138270)
[30] US (62/126,026) 2015-02-27
[30] US (62/170,822) 2015-06-04

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[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01) C07K 14/705 (2006.01)**
[25] EN
[54] **GENE THERAPY FOR THE TREATMENT OF A DISEASE OF RETINAL CONE CELLS**
[54] **THERAPIE GENIQUE POUR LE TRAITEMENT DE MALADIES DES CELLULES CONIQUES DE LA RETINE**
[72] MICHALAKIS, STYLIANOS, DE
[72] BIEL, MARTIN, DE
[72] SEELIGER, MATHIAS, DE
[71] EYESERV GMBH, DE
[85] 2018-08-20
[86] 2017-02-23 (PCT/EP2017/054229)
[87] (WO2017/144610)
[30] EP (PCT/EP2016/053753) 2016-02-23

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[13] A1
[51] **Int.Cl. G21F 9/00 (2006.01)**
[25] EN
[54] **METHOD FOR TREATING WASTE WATER FROM THE DECONTAMINATION OF A METAL SURFACE, WASTE WATER TREATMENT APPARATUS AND USE OF SAID WASTE WATER TREATMENT APPARATUS**
[54] **PROCEDE DE TRAITEMENT DES EFFLUENTS PROVENANT DE LA DECONTAMINATION D'UNE SURFACE METALLIQUE, DISPOSITIF DE TRAITEMENT DES EFFLUENTS ET UTILISATION DU DISPOSITIF DE TRAITEMENT DESEFFLUENTS**
[72] TOPF, CHRISTIAN, DE
[72] SEMPERE BELDA, LUIS, DE
[71] FRAMATOME GMBH, DE
[85] 2018-08-17
[86] 2017-03-01 (PCT/EP2017/054817)
[87] (WO2017/157668)
[30] DE (10 2016 104 846.1) 2016-03-16

[21] **3,015,131**
[13] A1
[51] **Int.Cl. A01N 43/90 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING PESTS OF PLANTS**
[54] **PROCEDE POUR LUTTER CONTRE DES ORGANISMES NUISIBLES AUX VEGETAUX**
[72] BINDSCHAEDLER, PASCAL, DE
[72] KOERBER, KARSTEN, DE
[72] BASTIAANS, HENRICUS MARIA MARTINUS, DE
[72] DIETZ, JOCHEN, DE
[72] VON DEYN, WOLFGANG, DE
[72] LANGEWALD, JUERGEN, DE
[72] BRAUN, FRANZ-JOSEF, US
[71] BASF SE, DE
[85] 2018-08-20
[86] 2017-03-01 (PCT/EP2017/054732)
[87] (WO2017/153218)
[30] EP (16159865.1) 2016-03-11

[21] **3,015,132**
[13] A1
[51] **Int.Cl. C09K 8/32 (2006.01) C09K 8/502 (2006.01) C09K 8/565 (2006.01)**
[25] EN
[54] **ADDITIVE TO ENHANCE SAG STABILITY OF DRILLING FLUID**
[54] **ADDITIF D'AMELIORATION DE LA STABILITE A L'AFFAISSEMENT D'UN LIQUIDE DE FORAGE**
[72] DAVIS, CHESNEE LAE, US
[72] LIVANEC, PHILIP WAYNE, US
[72] SHUMWAY, WILLIAM WALTER, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-08-17
[86] 2016-04-27 (PCT/US2016/029601)
[87] (WO2017/188946)

[21] **3,015,133**
[13] A1
[51] **Int.Cl. H05B 3/84 (2006.01)**
[25] EN
[54] **TRANSPARENT WINDOW PANE WITH ELECTRICAL HEATING LAYER**
[54] **CARREAU DE FENETRE TRANSPARENT AYANT UNE COUCHE CHAUFFANTE ELECTRIQUE**
[72] SCHULZ, VALENTIN, DE
[72] GILLESSEN, STEPHAN, DE
[72] NOSITSCHKA, WOLFGANG ANDREAS, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2018-08-17
[86] 2017-03-10 (PCT/EP2017/055705)
[87] (WO2017/157795)
[30] EP (16160226.3) 2016-03-14

[21] **3,015,136**
[13] A1
[51] **Int.Cl. B25G 1/00 (2006.01) B25G 1/10 (2006.01)**
[25] EN
[54] **TOOL HANDLE**
[54] **MANCHE D'OUTIL**
[72] JANNITTO, JOHN, JR., US
[72] LAWLESS, JOHN C., US
[71] MAYHEW STEEL PRODUCTS, US
[85] 2018-08-17
[86] 2016-12-01 (PCT/US2016/064318)
[87] (WO2017/142605)
[30] US (62/297,197) 2016-02-19
[30] US (15/276,914) 2016-09-27

[21] **3,015,137**
[13] A1
[51] **Int.Cl. F16D 3/34 (2006.01)**
[25] EN
[54] **BI-DIRECTIONAL OVERRUNNING CLUTCH WITH OUTER SPRING FOR A DRIVE AXLE**
[54] **ROUE LIBRE BIDIRECTIONNELLE A RESSORT EXTERIEUR POUR ESSIEU D'ENTRAINEMENT**
[72] HEATH, KELLY P., US
[72] OCHAB, DAVID C., US
[71] THE HILLIARD CORPORATION, US
[85] 2018-08-17
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[54] **CONJUGUES D'AMANITINE**
[72] LUTZ, CHRISTIAN, DE
[72] ANDERL, JAN, DE
[72] MULLER, CHRISTOPH, DE
[72] SIMON, WERNER, DE
[72] WERNER-SIMON, SUSANNE, DE
[72] HECHLER, TORSTEN, DE
[72] KULKE, MICHAEL, DE
[71] HEIDELBERG PHARMA RESEARCH GMBH, DD
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[54] **ENHANCED SLEEPING BEAUTY TRANSPOSONS, KITS AND METHODS OF TRANSPOSITION**
[54] **TRANSPOSONS DE TYPE SLEEPING BEAUTY AMELIORES, KITS ET PROCEDES DE TRANSPOSITION**
[72] IZSVAK, ZSUZSANNA, DE
[72] IVICS, ZOLTAN, DE
[72] KAUFMANN, CHRISTOPHER, US
[72] NARAYANAVARI, SUNEEL, DE
[71] MAX-DELBRUCK-CENTRUM FUR MOLEKULARE MEDIZIN IN DER HELMHOLTZ-GEMEINSCHAFT, DE
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[25] EN
[54] **FLOW MEASURING SYSTEM HAVING A HOUSING WITH A FLOW MEASUREMENT DEVICE AND A DEFLECTOR PLATE ATTACHED OVER A HOLE IN A RISER**
[54] **SYSTEME DE MESURE DE FLUX AYANT UN BOITIER AVEC UN DISPOSITIF DE MESURE DE FLUX ET UNE PLAQUE DE DEFLECTEUR FIXEE SUR UN TROU DANS UNE COLONNE MONTANTE**
[72] PADDEN, IAN, US
[72] STOCKTON, TOM, US
[71] PADDEN, IAN, US
[71] STOCKTON, TOM, US
[85] 2018-08-17
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[54] **MEDICAL SUCTION PUMP**
[54] **POMPE D'ASPIRATION A USAGE MEDICAL**
[72] BACHLER, CORNEL, CH
[72] FELBER, ARMIN, CH
[72] MUTHER, MARCEL, CH
[71] MEDELA HOLDING AG, CH
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[25] EN
[54] **SMALL CRYSTAL, HIGH SURFACE AREA EMM-30 ZEOLITES, THEIR SYNTHESIS AND USE**
[54] **ZEOLITHES EMM-30 A PETITS CRISTAUX ET SURFACE ELEVEE, LEUR SYNTHESE ET UTILISATION**
[72] BURTON, ALLEN W., US
[72] STROHMAIER, KARL G., US
[72] AFEWORKI, MOBAE, US
[72] KLIEWER, CHRISTINE E., US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[51] **Int.Cl. C08F 220/14 (2006.01) C08F 220/18 (2006.01) C10M 145/14 (2006.01)**
[25] EN
[54] **AQUEOUS POLYMER DISPERSIONS, A METHOD FOR THEIR PREPARATION AND THE USE THEREOF AS POUR-POINT DEPRESSANTS FOR CRUDE OIL, PETROLEUM, AND PETROLEUM PRODUCTS**
[54] **DISPERSIONS AQUEUSES DE POLYMERES, PROCEDE POUR LEUR PREPARATION ET UTILISATION CORRESPONDANTE COMME AGENTS ABAISSANT LE POINT D'ECOULEMENT POUR LE PETROLE BRUT, LE PETROLE ET LES PRODUITS PETROLIERS**
[72] BRAEUER, JUDITH, DE
[72] GUMLICH, KAI, AE
[72] FRENZEL, STEFAN, DE
[72] SOCHER, MARIA, DE
[72] JACKSON, JENNIFER ANNE, US
[72] BOHRES, EDWARD, DE
[71] BASF SE, DE
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[25] EN
[54] **LEAD SULFIDE AS ALKANE DEHYDROGENATION CATALYST**
[54] **SULFURE DE PLOMB EN TANT QUE CATALYSEUR DE DESHYDROGENATION D'ALCANES**
[72] HOJLUND NIELSEN, POUL ERIK, DK
[72] NIELSEN, RASMUS MUNKSGARD, DK
[72] LEMUS-YEGRES, LIVED J., DK
[71] HALDOR TOPSOE A/S, DK
[85] 2018-08-17
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[25] EN
[54] **METHOD FOR OPERATING A MACHINE TOOL, AND MACHINE TOOL OPERABLE BY THE METHOD**
[54] **PROCEDE DE FONCTIONNEMENT D'UNE MACHINE-OUTIL ET MACHINE-OUTIL POUVANT ETRE ACTIONNEE PAR LE PROCEDE**
[72] SATTLER, CHRISTIAN, DE
[72] DREXL, TOBIAS, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2018-08-20
[86] 2017-03-13 (PCT/EP2017/055766)
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[51] **Int.Cl. G06Q 10/00 (2012.01)**
[25] EN
[54] **NON-INTRUSIVE TECHNIQUES FOR DISCOVERING AND USING ORGANIZATIONAL RELATIONSHIPS**
[54] **TECHNIQUES NON INTRUSIVES PERMETTANT DE DECOUVRIR ET D'UTILISER DES RELATIONS ORGANISATIONNELLES**
[72] RASUMOV, NIKON, US
[71] SECURITYSCORECARD, INC., US
[85] 2018-08-17
[86] 2017-01-27 (PCT/US2017/015483)
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[25] EN
[54] **EXPANDABLE AND FLEXIBLE SHIRT COLLAR STAND AND SHIRT WITH SAME**
[54] **PIED DE COL DE CHEMISE EXTENSIBLE ET SOUPLE ET CHEMISE COMPORTANT CELUI-CI**
[72] ROUP, HERMAN, US
[71] TALON TECHNOLOGIES, INC., US
[85] 2018-08-17
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[25] EN
[54] **INTERFACE AND MUD CONTROL SYSTEM AND METHOD FOR REFINERY DESALTERS**
[54] **INTERFACE ET SYSTEME DE REGULATION DE BOUES ET PROCEDE POUR DESSALEURS DE RAFFINERIE**
[72] KHAN, RAFIQUL, US
[72] SAMS, GARY W., US
[72] LEE, JOSEPH MIN-HSIUN, US
[71] CAMERON TECHNOLOGIES LIMITED, NL
[85] 2018-08-17
[86] 2017-02-09 (PCT/US2017/017119)
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[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **BIOMARKERS OF TRAUMATIC BRAIN INJURY**
[54] **BIOMARQUEURS D'UN TRAUMATISME CRANIO-CEREBRAL**
[72] BELLI, ANTONIO, GB
[72] DI PIETRO, VALENTINA, GB
[71] THE UNIVERSITY OF BIRMINGHAM, GB
[85] 2018-08-20
[86] 2017-01-30 (PCT/GB2017/050231)
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[51] **Int.Cl. G06F 17/30 (2006.01) H04W 12/06 (2009.01) G06F 21/10 (2013.01) G06F 21/60 (2013.01) G06Q 99/00 (2006.01) H04L 9/32 (2006.01)**
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[54] **SALTING TEXT AND FINGERPRINTING IN DATABASE TABLES, TEXT FILES, AND DATA FEEDS**
[54] **INSERTION DE TEXTE ET CARACTERISATION DANS DES TABLEAUX DE BASE DE DONNEES, DES FICHIERS TEXTES ET DES FLUX DE DONNEES**
[72] ANDERSON, MICHAEL, US
[72] ZINSMEYER, CHARLES, US
[72] LEUNG, TSZ LING CHRISTINA, US
[72] LEBARON, MATT, US
[72] ROSE, MARTIN, US
[72] KRAUS, RAY, US
[72] COLEMAN, ARTHUR, US
[71] ACXIOM CORPORATION, US
[71] ANDERSON, MICHAEL, US
[71] ZINSMEYER, CHARLES, US
[71] LEUNG, TSZ LING CHRISTINA, US
[71] LEBARON, MATT, US
[71] ROSE, MARTIN, US
[71] KRAUS, RAY, US
[71] COLEMAN, ARTHUR, US
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[54] **RECIPIENT DE CULTURE HYDROPONIQUE FLEXIBLE**
[72] DIXON, ADAM DAVID LAWRENCE, GB
[72] PARKIN, LUKE, GB
[71] PHYTOPONICS LIMITED, GB
[85] 2018-08-20
[86] 2017-02-24 (PCT/GB2017/050493)
[87] (WO2017/144904)
[30] GB (1603409.2) 2016-02-26
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[51] **Int.Cl. H04N 19/103 (2014.01) H04N 19/119 (2014.01) H04N 19/136 (2014.01) H04N 19/176 (2014.01) H04N 19/186 (2014.01)**
[25] EN
[54] **USING LUMA INFORMATION FOR CHROMA PREDICTION WITH SEPARATE LUMA-CHROMA FRAMEWORK IN VIDEO CODING**
[54] **UTILISATION D'INFORMATIONS DE LUMINANCE POUR UNE PREDICTION DE CHROMINANCE AVEC UNE STRUCTURE DE LUMINANCE-CHROMINANCE SEPAREE DANS UN CODAGE VIDEO**
[72] SEREGIN, VADIM, US
[72] ZHAO, XIN, US
[72] SAID, AMIR, US
[72] KARCZEWICZ, MARTA, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-08-17
[86] 2017-03-21 (PCT/US2017/023373)
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[25] EN
[54] **CLOSED SYSTEM CATHETER**
[54] **CATHETER A SYSTEME FERME**
[72] ABITABILO, JAMES EDWARD, US
[72] AKCAY, GURSEL, US
[72] BREINDEL, JAY T., US
[72] CHHEDA, HARSH D., US
[72] FELICITO, KATHRYN, US
[72] GORAL, DAVID J., US
[72] MUSKATELLO, JAMES, US
[72] ROEHL, CHRISTOPHER, US
[71] SMITHS MEDICAL ASD, INC., US
[85] 2018-08-17
[86] 2017-02-17 (PCT/US2017/018350)
[87] (WO2017/143176)
[30] US (62/296,865) 2016-02-18
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[25] EN
[54] IMPROVED BUCKET HANDLE ASSEMBLY
[54] ENSEMBLE POIGNEE DE SEAU AMELIORE
[72] FOSTER, NORMAN, US
[71] FOSTER, NORMAN, US
[85] 2018-08-17
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[30] US (62/297,413) 2016-02-19
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[51] Int.Cl. B23K 26/00 (2014.01) B23K 26/0622 (2014.01) B23K 26/082 (2014.01) B23K 26/352 (2014.01)
[25] EN
[54] METHOD OF REDUCING PHOTOELECTRON YIELD AND/OR SECONDARY ELECTRON YIELD OF A CERAMIC SURFACE ; CORRESPONDING APPARATUS AND PRODUCT
[54] PROCEDE DE REDUCTION DE RENDEMENT DE PHOTOELECTRON ET/OU DE RENDEMENT D'ELECTRON SECONDAIRE DE SURFACE CERAMIQUE ; APPAREIL ET PRODUIT CORRESPONDANTS
[72] ABDOLVAND, AMIN, GB
[71] UNIVERSITY OF DUNDEE, GB
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[30] GB (1603991.9) 2016-03-08

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[51] Int.Cl. H01R 4/02 (2006.01) H02G 3/16 (2006.01)
[25] EN
[54] BUSBAR UNIT AND ELECTRONIC DEVICE WITH BUSBAR UNIT
[54] MODULE DE BARRE OMNIBUS ET DISPOSITIF ELECTRONIQUE EQUIPE DU MODULE DE BARRE OMBIBUS
[72] MATSUMAE, TAROU, JP
[72] TAKEUCHI, SATOSHI, JP
[72] KONDA, KENJI, JP
[71] KYB CORPORATION, JP
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[25] EN
[54] ANTIBODIES AND RELATED MOLECULES AND USES THEREOF
[54] ANTICORPS ET MOLECULES ASSOCIEES ET LEURS UTILISATIONS
[72] BICKNELL, ROY, GB
[72] LEE, STEVEN, GB
[71] CANCER RESEARCH TECHNOLOGY LIMITED, GB
[71] THE UNIVERSITY OF BIRMINGHAM, GB
[85] 2018-08-20
[86] 2017-03-14 (PCT/GB2017/050689)
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[30] GB (1604378.8) 2016-03-15
[30] GB (1612534.6) 2016-07-19

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[51] Int.Cl. G01N 21/78 (2006.01) C08K 5/16 (2006.01)
[25] EN
[54] METHODS, SYSTEMS, AND COMPOSITIONS FOR DETECTION OF ALDEHYDES
[54] PROCEDES, SYSTEMES ET COMPOSITIONS POUR LA DETECTION D'ALDEHYDES
[72] THOMAS, GERALD, US
[72] LARA, JUVEN, US
[72] NOLL, CHARLES, US
[72] YOUNG, BRIAN, US
[72] CARLSEN, CRAIG, US
[72] MAHON, MAURA, US
[72] INGLE, JAMES, US
[71] PULSE HEALTH LLC, US
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[25] EN
[54] SYSTEMS AND METHODS FOR AUGMENTED REALITY REPRESENTATIONS OF NETWORKS
[54] SYSTEMES ET PROCEDES DE REPRESENTATIONS DE RESEAUX EN REALITE AUGMENTEE
[72] SKIDMORE, ROGER RAY, US
[71] EDX TECHNOLOGIES, INC., US
[85] 2018-08-17
[86] 2017-02-17 (PCT/US2017/018447)
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[30] US (62/296,734) 2016-02-18
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[51] Int.Cl. C07D 498/04 (2006.01) A61K 31/5365 (2006.01) A61P 25/00 (2006.01) C07D 519/00 (2006.01)
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[54] COMPOSES 6,7-DIHYDRO-5 H-PYRAZOLO [5,1-B] [1,3]OXAZINE-2-CARBOXAMIDE
[72] CHAPPIE, THOMAS ALLEN, US
[72] PATEL, NANDINI CHATURBHAI, US
[72] VERHOEST, PATRICK ROBERT, US
[72] HELAL, CHRISTOPHER JOHN, US
[72] SCIABOLA, SIMONE, US
[72] LACHAPELLE, ERIK ALPHIE, US
[72] WAGER, TRAVIS T., US
[72] HAYWARD, MATTHEW MERRILL, US
[71] PFIZER INC., US
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[30] US (62/298,657) 2016-02-23

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[54] AUTOCARS DESTINES AUX PERSONNES A MOBILITE REDUITE
[72] PELLETIER, JOHN-PAUL, CA
[72] FAZIO, PAUL, CA
[71] MOTOR COACH INDUSTRIES LIMITED, CA
[71] MOTOR COACH INDUSTRIES, INC., US
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[30] US (62/297,474) 2016-02-19
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[51] Int.Cl. C22C 38/00 (2006.01) C22C 38/38 (2006.01) C21D 8/02 (2006.01)
[25] EN
[54] TI-CONTAINING FERRITIC STAINLESS STEEL SHEET HAVING GOOD TOUGHNESS, AND FLANGE
[54] TOLE D'ACIER INOXYDABLE FERRITIQUE CONTENANT DU TI AYANT UNE BONNE TENACITE, ET BRIDE
[72] MITSUNAGA, SEIJI, JP
[72] EHARA, YASUHIRO, JP
[71] NISSHIN STEEL CO., LTD., JP
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[30] JP (2016-059874) 2016-03-24
[30] JP (2016-249063) 2016-12-22

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[25] EN
[54] LAMINATED GLASS PANE HAVING A SENSOR ASSEMBLY AND METHOD FOR PRODUCING A LAMINATED GLASS PANE HAVING A SENSOR ASSEMBLY
[54] VITRE EN VERRE FEUILLETE POURVUE D'UN DISPOSITIF CAPTEUR ET PROCEDE DE FABRICATION D'UNE VITRE EN VERRE FEUILLETE POURVUE D'UN DISPOSITIF CAPTEUR
[72] WEBER, PATRICK, DE
[72] LABROT, MICHAEL, DE
[72] SCHMALBUCH, KLAUS, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[51] Int.Cl. A61K 9/70 (2006.01) A61K 9/50 (2006.01) A61K 9/51 (2006.01)
[25] EN
[54] TWO-STAGE MICROPARTICLE-BASED THERAPEUTIC DELIVERY SYSTEM AND METHOD
[54] SYSTEME ET METHODE D'ADMINISTRATION D'AGENT THERAPEUTIQUE A BASE DE MICROPARTICULES A DEUX ETAGES
[72] GOLDBERG, MANIJEH NAZARI, US
[72] MANZI, AARON, US
[72] LAPORTE, BRANDON, US
[72] BIRDI, AMRITPREET, US
[71] PRIVO TECHNOLOGIES, INC., US
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[30] US (62/296,599) 2016-02-18
[30] US (62/336,209) 2016-05-13
[30] US (62/336,405) 2016-05-13

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[25] EN
[54] COMPOSITIONS FOR CONTROLLED RELEASE OF ACTIVE INGREDIENTS AND METHODS OF MAKING SAME
[54] COMPOSITIONS POUR LA LIBERATION CONTROLEE DE PRINCIPES ACTIFS ET LEUR PROCEDE DE PREPARATION
[72] PRESLAR, ADAM TRUETT, US
[72] MOUAT, AIDAN, US
[71] HAZEL TECHNOLOGIES, INC., US
[85] 2018-08-17
[86] 2017-02-19 (PCT/US2017/018542)
[87] (WO2017/143311)
[30] US (62/297,782) 2016-02-19
[30] US (62/307,357) 2016-03-11
[30] US (62/328,556) 2016-04-27
[30] US (62/338,709) 2016-05-19
[30] US (62/347,914) 2016-06-09
[30] US (62/353,016) 2016-06-21
[30] US (62/367,093) 2016-07-26

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[25] EN
[54] **ARTIFICIAL TURF WITH MARBLED MONOFILAMENT**
[54] **GAZON SYNTHETIQUE A MONOFILAMENT MARBRE**
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[72] SANDER, DIRK, DE
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[54] **ENSEMBLE ET PROCEDE PERMETTANT DE FAIRE MOUSSER UN FLUIDE**
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[72] KNIP, ABRAM CHRISTIAAN, NL
[72] DESSING, JACOBUS PETRUS MARIA, NL
[71] KONINKLIJKE DOUWE EGBERTS B.V., NL
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[72] ULLRICH, GEORGE, GB
[72] WEBB, DAVID, GB
[72] MORRIS, STEVEN, GB
[72] BURN, PATRICK, GB
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[72] CRAVEN, THOMAS, GB
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[72] PATER, EDUARD, NL
[71] KONINKLIJKE DOUWE EGBERTS B.V., NL
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[54] **OCTROI DE MULTIPLES SOUS-TRAMES AVEC ORDONNANCEMENT DES CANAUX A LA FOIS DE DONNEES ET DE COMMANDE**
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[71] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
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[71] KONINKLIJKE DOUWE EGBERTS B.V., NL
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[54] **PROCEDE DE PRODUCTION DE SUCRE CONTENANT UN GROUPE SULFATE ET/OU UN GROUPE PHOSPHATE**
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[72] MANBO, AKIHIRO, JP
[72] MURASE, TAKEFUMI, JP
[71] GLYTECH, INC., JP
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[54] **COMPOSITION FONGICIDE SYNERGIQUE POUR LUTTER CONTRE LES MALADIES VEGETALES**
[72] KIGUCHI, SO, JP
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
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[54] **COMPOSITION FONGICIDE SYNERGIQUE POUR LUTTER CONTRE DES MALADIES DE PLANTE**
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[72] JAKOBSOHN, ELIJAH, US
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[54] **CONSTITUANT PYRIDAZINONE OU SON SEL, ET HERBICIDE LE COMPRENANT**
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[72] YAMADA, RYU, JP
[72] TANAKA, HISAKI, JP
[71] ISHIHARA SANGYO KAISHA, LTD., JP
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[54] **APPAREIL ET PROCEDE D'ENREGISTREMENT DE SIGNAUX NEURONAUX EN PRESENCE D'ARTEFACTS**
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[72] BOUSQUET, ROBERT, US
[72] WHEELER, JESSE J., US
[72] CZARNECKI, ANDREW, US
[72] LACHAPELLE, JOHN, US
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[54] **NOUVELLE GLUCOKINASE DEPENDANTE DU POLYPHOSPHATE ET PROCEDE DE PREPARATION DE GLUCOSE 6-PHOSPHATE L'UTILISANT**
[72] YANG, SUNG JAE, KR
[72] CHO, HYUN KUG, KR
[72] LEE, YOUNG MI, KR
[72] KIM, SEONG BO, KR
[72] PARK, SEUNG WON, KR
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[54] **APPAREIL DE FRAISE PORTABLE POUR POINTS DE SOUDURE DE RAIL ET SES PROCEDES D'UTILISATION**
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[72] STECK, KELLY, US
[71] HOLLAND, L.P., US
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[54] **PRISE DE SOL**
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[71] THOMAS & BETTS INTERNATIONAL LLC, US
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[54] **SYSTEME D'AFFICHAGE AYANT UNE PLURALITE DE CONDUCTEURS DE LUMIERE POUR UNE PLURALITE D'EMETTEURS DE LUMIERE**
[72] CURTIS, KEVIN, US
[72] HALL, HEIDI LEISING, US
[72] ST. HILAIRE, PIERRE, US
[72] TINCH, DAVID, US
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[54] **ENSEMBLE USTENSILE DE CUISINE MUNI D'UN COUVERCLE POUVANT ETRE FIXE POUR FORMER UN USTENSILE DE CUISSON**
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[72] WANG, BOQIANG, CN
[71] WKI HOLDING COMPANY, INC., US
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[72] BLAIN, JASON, US
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[71] F.P. BOURGAULT TILLAGE TOOLS LTD., CA
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[54] **BLOCS DETECTEURS A PAVER POUR RESEAUX DE BLOCS DETECTEURS SANS SOUDURE EN MAMMOGRAPHIE PAR EMISSION DE POSITONS**
[72] REZNIK, ALLA, CA
[72] BUBON, OLEKSANDR, CA
[72] TEYMURAZYAN, ARAM, CA
[71] THUNDER BAY REGIONAL HEALTH RESEARCH INSTITUTE, CA
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[54] **DISPOSITIF D'APPLICATION DE MATERIAU ABRADABLE SUR UNE SURFACE D'UN CARTER DE TURBOMACHINE**
[72] MATHON, RICHARD, FR
[72] JAUSSAUD, RAOUL, FR
[72] MAGNAUDEIX, DOMINIQUE MICHEL SERGE, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
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[54] **UTILISATION DE MODULATEURS DU RECEPTEUR DES GLUCOCORTICOIDES POUR POTENTIALISER DES INHIBITEURS DE POINTS DE CONTROLE**
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[71] CORCEPT THERAPEUTICS, INC., US
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[54] **PREPARATIONS DE VECTEURS RETROVIRAUX MULTIGENOMIQUES ET PROCEDES ET SYSTEMES POUR LES PRODUIRE ET LES UTILISER**
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[72] BERGLUND, PETER LARS AKSEL, US
[71] IMMUNE DESIGN CORP., US
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[72] MEKKAOUI, LEILA, GB
[71] UCL BUSINESS PLC, GB
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[54] **EMBALLAGE ET DISPOSITIFS POUR ACCEDER A DES RECIPIENTS A COUVERCLE VISSE DANS DES SYSTEMES AUTOMATISES**
[72] LIVINGSTON, DWIGHT, US
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[54] **COMPOSITIONS AND METHODS FOR IMPROVING MITOCHONDRIAL FUNCTION**
[54] **COMPOSITIONS ET METHODES POUR AMELIORER LA FONCTION MITOCHONDRIALE**
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[71] MITRONITE INC., CA
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[30] US (62/298,715) 2016-02-23

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[51] **Int.Cl. A61B 1/267 (2006.01) A61B 1/015 (2006.01) A61B 1/018 (2006.01) A61B 1/05 (2006.01) A61B 1/06 (2006.01) A61B 1/12 (2006.01) A61B 10/02 (2006.01)**
[25] EN
[54] **IMPROVED LARYNGOSCOPE**
[54] **LARYNGOSCOPE AMELIORE**
[72] GALLOWAY, MARGARET, US
[72] CASSON, ADAM, US
[71] INSCOPE MEDICAL SOLUTIONS, INC., US
[85] 2018-08-20
[86] 2017-03-01 (PCT/US2017/020242)
[87] (WO2017/151796)
[30] US (62/301,634) 2016-03-01
[30] US (62/301,635) 2016-03-01

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[51] **Int.Cl. A47C 27/06 (2006.01) A47C 21/04 (2006.01) A47C 23/04 (2006.01) A47C 27/20 (2006.01) B68G 9/00 (2006.01)**
[25] EN
[54] **MULTI-LAYERED IMPERMEABLE FABRIC FOR USE IN POCKETED SPRING ASSEMBLY**
[54] **TISSU IMPERMEABLE MULTICOUCHE A UTILISER DANS UN ENSEMBLE RESSORT ENSACHE**
[72] LONG, AUSTIN G., US
[71] L&P PROPERTY MANAGEMENT COMPANY, US
[85] 2018-08-20
[86] 2017-03-02 (PCT/US2017/020365)
[87] (WO2017/155776)
[30] US (15/062,595) 2016-03-07

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[13] A1
[51] **Int.Cl. C09K 8/04 (2006.01) C09K 8/32 (2006.01)**
[25] EN
[54] **LUBRICANT FOR DRILLING AND DRILL-IN FLUIDS**
[54] **LUBRIFIANT POUR FORAGE ET FLUIDES DE FORAGE**
[72] GHOSH, SHUBHAJIT, US
[72] NZEADIBE, KINGSLEY IHUEZE, US
[72] GUO, LI, US
[71] HALLIBURTON ENERGY SERVICES,INC., US
[85] 2018-08-20
[86] 2016-04-04 (PCT/US2016/025897)
[87] (WO2017/176244)

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[13] A1
[51] **Int.Cl. C02F 1/00 (2006.01) B01D 29/66 (2006.01) B01D 35/02 (2006.01) E03B 1/04 (2006.01)**
[25] EN
[54] **INTAKE FILTER FOR WATER COLLECTION SYSTEM WITH PRESSURE ACTIVATED BACKWASH VALVE**
[54] **FILTRE D'ADMISSION POUR SYSTEME DE COLLECTE DES EAUX A VANNE DE LAVAGE A CONTRE-COURANT ACTIVEE PAR LA PRESSION**
[72] THOMPSON, CHRISTOPHER ROY, CA
[72] PEREIRA CALDEIRA, MICHAEL NELSON, CA
[71] GREYTER WATER SYSTEMS INC., CA
[85] 2018-08-21
[86] 2017-03-02 (PCT/CA2017/050283)
[87] (WO2017/147711)
[30] US (62/302,988) 2016-03-03
[30] US (62/305,625) 2016-03-09

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[13] A1
[51] **Int.Cl. G01N 33/49 (2006.01)**
[25] EN
[54] **BIOLOGICAL FLUID SEPARATION DEVICE**
[54] **DISPOSITIF DE SEPARATION DE FLUIDE BIOLOGIQUE**
[72] XU, QIHUA, US
[72] WEIDEMAIER, KRISTIN, US
[72] BASCIANO, CHRISTOPHER, US
[72] BALASUBRAMANIAN, SIVARAMAKRISHNAN, US
[72] DOWNIE, PATRICK, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2018-08-20
[86] 2017-03-02 (PCT/US2017/020392)
[87] (WO2017/151883)
[30] US (62/302,296) 2016-03-02

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[13] A1
[51] **Int.Cl. E21B 49/08 (2006.01) G01N 24/08 (2006.01) G01R 33/44 (2006.01)**
[25] EN
[54] **CHEMICALLY-SELECTIVE IMAGER FOR IMAGING FLUID OF A SUBSURFACE FORMATION AND METHOD OF USING SAME**
[54] **DISPOSITIF D'IMAGERIE CHIMIQUEMENT SELECTIF POUR IMAGER UN FLUIDE D'UNE FORMATION SOUTERRAINE ET SON PROCEDE D'UTILISATION**
[72] APPEL, MATTHIAS, US
[72] ANGER, BENJAMIN CHARLES, US
[72] DE JONG, HILKO, US
[72] GLADDEN, LYNN FAITH, GB
[72] MANTLE, MICHAEL DAVID, GB
[72] SEDERMAN, ANDREW JOHN, GB
[72] RAMSKILL, NICHOLAS PHILIP, GB
[71] SHELL INTERNATIONAL RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2018-08-20
[86] 2017-03-02 (PCT/US2017/020458)
[87] (WO2017/151928)
[30] US (62/303,238) 2016-03-03

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[13] A1
[51] **Int.Cl. G01C 21/34 (2006.01) G06Q 40/08 (2012.01) G08G 1/123 (2006.01)**
[25] EN
[54] **RISK MAPS**
[54] **CARTES DE RISQUES**
[72] MADIGAN, REGINA, US
[72] GIBSON, TIMOTHY W., US
[71] ALLSTATE INSURANCE COMPANY, US
[85] 2018-08-20
[86] 2016-11-23 (PCT/US2016/063527)
[87] (WO2017/146790)
[30] US (15/052,291) 2016-02-24

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[13] A1
[51] **Int.Cl. G01N 5/00 (2006.01) G01N 1/24 (2006.01)**
[25] EN
[54] **SMOKING MACHINE FOR ELECTRONIC CIGARETTE**
[54] **MACHINE A FUMER POUR CIGARETTE ELECTRONIQUE**
[72] ZHANG, YICHUN, CN
[72] SHEN, YI, CN
[72] ZHENG, SAIJING, CN
[72] YANG, JING, CN
[72] CHEN, CHAO, CN
[72] GAO, YIHAN, CN
[72] ZHENG, AIQUN, CN
[71] SHANGHAI TOBACCO GROUP CO., LTD., CN
[85] 2018-08-21
[86] 2016-12-27 (PCT/CN2016/112391)
[87] (WO2017/114389)
[30] CN (201511027728.4) 2015-12-31
[30] CN (201521136486.8) 2015-12-31

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[51] **Int.Cl. C12Q 1/02 (2006.01) B81B 1/00 (2006.01) C12M 1/34 (2006.01) C12Q 1/00 (2006.01) G01N 33/00 (2006.01) G01N 33/483 (2006.01) G01N 33/50 (2006.01) G01N 33/52 (2006.01) G01N 35/00 (2006.01) G01N 35/10 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR CELLULAR SECRETION ANALYSIS**
[54] **DISPOSITIFS ET PROCEDES D'ANALYSE DE SECRETION CELLULAIRE**
[72] HANSEN, CARL LARS GENGHIS, CA
[72] LISAINGO, KATHLEEN, CA
[72] LECAULT, VERONIQUE, CA
[71] THE UNIVERSITY OF BRITISH COLUMIBA, CA
[85] 2018-08-21
[86] 2017-03-17 (PCT/CA2017/050341)
[87] (WO2017/156634)
[30] US (62/309,663) 2016-03-17

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[13] A1
[51] **Int.Cl. A61B 1/015 (2006.01) A61B 1/267 (2006.01) A61M 16/04 (2006.01)**
[25] EN
[54] **MEDICAL GAS DELIVERY SYSTEM**
[54] **SYSTEME DE DISTRIBUTION DE GAZ MEDICAL**
[72] YOUNG, PETER JEFFREY, GB
[71] INDIAN OCEAN MEDICAL INC., SC
[85] 2018-08-17
[86] 2017-02-24 (PCT/GB2017/050506)
[87] (WO2017/144916)
[30] GB (1603234.4) 2016-02-24
[30] GB (1608473.3) 2016-05-13

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[13] A1
[51] **Int.Cl. B22C 1/18 (2006.01)**
[25] EN
[54] **CURING AGENT FOR WATER GLASS MOLDING AND MANUFACTURING METHOD AND USE THEREOF**
[54] **AGENT DURCISSEUR DESTINE AU MOULAGE DE VERRE SOLUBLE ET SON PROCEDE DE FABRICATION ET SON UTILISATION**
[72] ZHU, JIANXUN, CN
[72] YAO, HUIMIN, CN
[71] JINAN SHENGQUAN GROUP SHARE-HOLDING CO., LTD., CN
[85] 2018-08-21
[86] 2017-02-04 (PCT/CN2017/072892)
[87] (WO2017/133685)
[30] CN (201610082019.4) 2016-02-05

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/18 (2006.01) A61K 39/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **COMBINATION THERAPIES COMPRISING IMMUNO-ONCOLOGY AGENTS AND BELINOSTAT**
[54] **POLYTHERAPIES COMPRENANT DES AGENTS IMMUNO-ONCOLOGIQUES ET DU BELINOSTAT**
[72] DIXON, GRAHAM, FR
[72] TROCHON-JOSEPH, VERONIQUE, FR
[71] ONXEO, FR
[85] 2018-08-21
[86] 2017-02-22 (PCT/EP2017/054081)
[87] (WO2017/144543)
[30] US (62/298,445) 2016-02-22
[30] US (62/409,708) 2016-10-18

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[13] A1
[51] **Int.Cl. B22D 17/04 (2006.01) B22D 17/20 (2006.01) B22D 17/22 (2006.01)**
[25] EN
[54] **DIECASTING NOZZLE SYSTEM**
[54] **SYSTEME DE BUSES POUR COULEE SOUS PRESSION**
[72] KUSIC, IGOR, DE
[71] FERROFACTA GMBH, DE
[85] 2018-08-17
[86] 2016-12-19 (PCT/DE2016/100598)
[87] (WO2017/148457)
[30] DE (10 2016 103 618.8) 2016-03-01

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|51| **Int.Cl. A61B 5/00 (2006.01) A61B 5/107 (2006.01) A61B 5/1459 (2006.01)**
|25| EN
|54| **SYSTEMS AND METHODS OF DETERMINING ONE OR MORE PROPERTIES OF A CATHETER AND A DISTAL TIP THEREOF**
|54| **SYSTEMES ET PROCEDES PERMETTANT DE DETERMINER UNE OU PLUSIEURS PROPRIETES D'UN CATHETER ET SON EXTREMITE DISTALE**
|72| STRINGER, BRADLEY J., US
|72| SHUMWAY, SPENCER B., US
|72| HOLBROOK, MATTHEW D., US
|71| VERUM TCS, LLC, US
|85| 2018-08-20
|86| 2017-01-17 (PCT/US2017/013819)
|87| (WO2017/127372)
|30| US (62/280,559) 2016-01-19
|30| US (62/312,360) 2016-03-23
|30| US (62/321,610) 2016-04-12
|30| US (62/355,261) 2016-06-27
|30| US (15/408,235) 2017-01-17

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|51| **Int.Cl. C08L 83/04 (2006.01) A61M 25/00 (2006.01) C08G 77/50 (2006.01) C08L 83/07 (2006.01)**
|25| EN
|54| **CURABLE HIGH HARDNESS SILICONE COMPOSITION AND COMPOSITE ARTICLES MADE THEREOF**
|54| **COMPOSITION DE SILICONE DURCISSABLE A DURETE ELEVEE ET ARTICLES COMPOSITES FABRIQUES AVEC CETTE COMPOSITION**
|72| CHEN, YUSHENG, CN
|72| BEYER, PATRICK, DE
|72| WANG, SHAOHUI, CN
|72| WOLF, HANS PETER, DE
|71| DOW SILICONES CORPORATION, US
|85| 2018-08-21
|86| 2017-02-21 (PCT/CN2017/074233)
|87| (WO2017/143961)
|30| CN (PCT/CN2016/074323) 2016-02-23

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|51| **Int.Cl. A23L 11/30 (2016.01) A23L 11/00 (2016.01) A23L 33/185 (2016.01) A23J 1/14 (2006.01) A23J 1/20 (2006.01) A23J 3/14 (2006.01) A23J 3/34 (2006.01) A23L 2/395 (2006.01) A23L 2/66 (2006.01) A23C 9/13 (2006.01) A23C 11/10 (2006.01) A23C 20/00 (2006.01) A23C 20/02 (2006.01)**
|25| FR
|54| **NUTRITIONAL FORMULATIONS SUCH AS A YOGHURT, CREAM, CREAM DESSERT OR FROZEN DESSERT, COMPRISING A PEA PROTEIN ISOLATE, AND THE USE OF THE FORMULATION AS A SOURCE OF PROTEIN**
|54| **FORMULATIONS NUTRITIONNELLES DE TYPE YAOURT, CREME, CREME DESSERT ET DESSERT GLACE COMPRENANT UN ISOLAT DE PROTEINES DE POIS AINSI QUE L'UTILISATION DE LA FORMULATION COMME SOURCE PROTEIQUE**
|72| BARATA, MANUEL, FR
|72| GUILLEMANT, MARILYNE, FR
|72| MORETTI, EMMANUELLE, FR
|72| MULLER, ELSA, FR
|72| DELEBARRE, MARIE, FR
|71| ROQUETTE FRERES, FR
|85| 2018-08-20
|86| 2017-03-07 (PCT/FR2017/050496)
|87| (WO2017/153669)
|30| FR (1651865) 2016-03-07
|30| FR (1653861) 2016-04-29
|30| FR (1656605) 2016-07-08

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|51| **Int.Cl. C07K 14/54 (2006.01) C07K 14/55 (2006.01) C07K 14/705 (2006.01) C12N 15/86 (2006.01)**
|25| EN
|54| **NOVEL IMMUNOSTIMULATING VECTOR SYSTEM**
|54| **NOUVEAU SYSTEME DE VECTEUR IMMUNOSTIMULANT**
|72| SCHNIEDERS, FRANK, DE
|72| MIEGEL, ANDREA, DE
|72| BIERMANN-FLEISCHHAUER, CAROLIN, DE
|71| PROVECS MEDICAL GMBH, DE
|85| 2018-08-21
|86| 2017-02-23 (PCT/EP2017/054216)
|87| (WO2017/144602)
|30| EP (16157423.1) 2016-02-25

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|13| A1
|51| **Int.Cl. G06Q 30/00 (2012.01)**
|25| EN
|54| **PREDICTIVE SHOPPING**
|54| **MAGASINAGE PREDICTIF**
|72| HIGH, DONALD R., US
|72| JONES, MATTHEW ALLEN, US
|72| NATARAJAN, CHANDRASHEKAR, US
|72| ATCHLEY, MICHAEL DEAN, US
|72| MCHALE, BRIAN GERARD, GB
|71| WALMART APOLLO, LLC, US
|85| 2018-08-20
|86| 2017-03-08 (PCT/US2017/021278)
|87| (WO2017/156067)
|30| US (62/305,790) 2016-03-09

|21| **3,015,249**
|13| A1
|51| **Int.Cl. A61K 31/437 (2006.01) A61K 47/26 (2006.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01)**
|25| EN
|54| **PHARMACEUTICAL COMPOSITION COMPRISING PYRROLO-FUSED SIX-MEMBERED HETEROCYCLIC COMPOUND**
|54| **COMPOSITION PHARMACEUTIQUE COMPRENANT UN COMPOSE HETEROCYCLIQUE A SIX CHAINONS LIE PAR FUSION A UN PYRROLO**
|72| LU, YUN, CN
|72| ZHANG, XINHUA, CN
|72| WANG, CHENYANG, CN
|72| LIU, TONGHUI, CN
|71| JIANGSU HENGRUI MEDICINE CO., LTD., CN
|85| 2018-08-21
|86| 2017-02-28 (PCT/CN2017/075111)
|87| (WO2017/148359)
|30| CN (201610116472.2) 2016-03-01

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|13| A1
|51| **Int.Cl. A01H 1/00 (2006.01) A01H 5/00 (2018.01) C12N 15/09 (2006.01)**
|25| EN
|54| **PLANT PROMOTER AND 3'UTR FOR TRANSGENE EXPRESSION**
|54| **PROMOTEUR DE PLANTES ET 3'UTR POUR L'EXPRESSION D'UN TRANSGENE**
|72| GUPTA, MANJU, US
|72| KUMAR, SANDEEP, US
|72| GORMAN, SHAVELL, US
|72| WORDEN, ANDREW F., US
|71| DOW AGROSCIENCES LLC, US
|85| 2018-08-20
|86| 2017-03-08 (PCT/US2017/021295)
|87| (WO2017/156080)
|30| US (62/306,990) 2016-03-11

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|13| A1
|51| **Int.Cl. H04W 72/04 (2009.01)**
|25| EN
|54| **ENHANCED HYBRID CSI-RS FOR FD-MIMO**
|54| **CSI-RS HYBRIDE AMELIORE DESTINE A UNE FD-MIMO**
|72| WEI, CHAO, US
|72| CHEN, BO, US
|72| WU, LIANGMING, US
|72| HOU, JILEI, US
|71| QUALCOMM INCORPORATED, US
|85| 2018-08-21
|86| 2017-03-10 (PCT/CN2017/076313)
|87| (WO2017/162050)
|30| CN (PCT/CN2016/077430) 2016-03-25

|21| **3,015,253**
|13| A1
|51| **Int.Cl. H04B 1/10 (2006.01)**
|25| EN
|54| **METHOD AND APPARATUS FOR THE DETECTION OF DISTORTION OR CORRUPTION OF CELLULAR COMMUNICATION SIGNALS**
|54| **PROCEDE ET APPAREIL POUR LA DETECTION DE DISTORSION OU DE CORRUPTION DE SIGNAUX DE COMMUNICATIONS CELLULAIRES**
|72| HEATH, JEFFREY ABRAMSON, US
|72| HAKANSON, ERIC WALTER, US
|72| YAVID, DMITRIY, US
|72| COSENTINO, CHRISTOPHER SILVIO, US
|72| CARD, STUART WILLIAM, US
|71| VIAVI SOLUTIONS INC., US
|85| 2018-08-20
|86| 2017-01-18 (PCT/US2017/013928)
|87| (WO2017/127421)
|30| US (62/279,958) 2016-01-18

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|13| A1
|51| **Int.Cl. A61M 1/34 (2006.01) A61M 1/14 (2006.01) B01D 61/24 (2006.01) B01D 61/32 (2006.01) B01D 63/16 (2006.01) F04B 43/00 (2006.01) F04B 43/12 (2006.01)**
|25| EN
|54| **METHODS AND SYSTEMS OF GENERATING RAPIDLY VARYING PRESSURE AMPLITUDES IN FLUIDIC CIRCUITS IN A DIALYSIS TREATMENT SYSTEM**
|54| **PROCEDES ET SYSTEME DE GENERATION D'AMPLITUDES DE PRESSION VARIANT RAPIDEMENT DANS DES CIRCUITS FLUIDIQUES DANS UN SYSTEME DE TRAITEMENT PAR DIALYSE**
|72| FULKERSON, BARRY NEIL, US
|72| PHAM, NHAN VIET, US
|72| HUANG, ALEC, US
|71| FRESENIUS MEDICAL CARE HOLDINGS, INC., US
|85| 2018-08-20
|86| 2017-03-08 (PCT/US2017/021389)
|87| (WO2017/156145)
|30| US (62/305,206) 2016-03-08

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|13| A1
|51| **Int.Cl. B23P 6/00 (2006.01) B23C 3/18 (2006.01) B23Q 9/00 (2006.01) B24B 19/14 (2006.01) B24B 21/16 (2006.01) F01D 5/00 (2006.01)**
|25| EN
|54| **DEVICE AND METHOD FOR RE-CONTOURING A GAS TURBINE BLADE**
|54| **DISPOSITIF ET PROCEDE DE CORRECTION DE CONTOURS D'UNE AUBE DE TURBINE A GAZ**
|72| PETERS, JAN OKE, DE
|72| GARTNER, THOMAS, DE
|72| SCHON, JOACHIM, DE
|72| KUNTZAGK, STEFAN, DE
|71| LUFTHANSA TECHNIK AG, DE
|85| 2018-08-21
|86| 2016-03-11 (PCT/EP2016/055300)
|87| (WO2017/152995)

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|13| A1
|51| **Int.Cl. H01R 12/73 (2011.01) A61C 17/22 (2006.01) B26B 21/40 (2006.01) H01R 13/52 (2006.01) H01R 13/64 (2006.01) H01R 13/73 (2006.01)**
|25| EN
|54| **ELECTRONIC SUBASSEMBLY FOR A PERSONAL CARE PRODUCT**
|54| **SOUS-ENSEMBLE ELECTRONIQUE POUR UN PRODUIT DE SOINS PERSONNELS**
|72| BROEMSE, NORBERT, DE
|72| HEUBACH, KLAUS, DE
|72| BEHRENDT, JUERGEN, DE
|71| THE GILLETTE COMPANY LLC, US
|85| 2018-08-20
|86| 2017-03-09 (PCT/US2017/021509)
|87| (WO2017/160575)
|30| EP (16160242.0) 2016-03-14

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|13| A1
|51| **Int.Cl. A01C 17/00 (2006.01)**
|25| EN
|54| **DISTRIBUTION MACHINE**
|54| **MACHINE DE DISTRIBUTION**
|72| STOCKLIN, VOLKER, DE
|71| RAUCH LANDMASCHINENFABRIK GMBH, DE
|85| 2018-08-21
|86| 2017-03-09 (PCT/EP2017/000311)
|87| (WO2017/153046)
|30| DE (10 2016 002 827.0) 2016-03-09

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|13| A1
|51| **Int.Cl. C11D 7/50 (2006.01) C09D 9/00 (2006.01) C11D 11/00 (2006.01)**
|25| EN
|54| **CLEANING COMPOSITION**
|54| **COMPOSITION DE NETTOYAGE**
|72| STEINMETZ, BERNHARD, DE
|72| JANKOWSKI, PEGGY, DE
|72| LUHMANN, NADIA, DE
|72| MATURA, MICHAEL, DE
|71| BASF COATINGS GMBH, DE
|85| 2018-08-21
|86| 2017-03-03 (PCT/EP2017/054996)
|87| (WO2017/157694)
|30| EP (16160080.4) 2016-03-14

|21| **3,015,263**
|13| A1
|51| **Int.Cl. C08J 9/08 (2006.01)**
|25| EN
|54| **LIQUID MODIFIER AS CARRIER SYSTEM FOR CFAS IN FOAMED POLYSTYRENES**
|54| **AGENT DE MODIFICATION LIQUIDE COMME SYSTEME PORTEUR DESTINE A DES AGENTS D'EXPANSION CHIMIQUE DANS DES POLYSTYRENES EXPANSES**
|72| WARTIG, KAREN-ALESSA, DE
|72| GROESELING, MIRCO, DE
|72| VAN DEN ABBEELE, TIM, DE
|72| KOHNKE, PATRICK, DE
|72| MONTANI, RINALDO, IT
|71| CLARIANT PLASTICS & COATINGS LTD, CH
|85| 2018-08-21
|86| 2017-02-20 (PCT/EP2017/053745)
|87| (WO2017/144396)
|30| EP (16156706.0) 2016-02-22

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|13| A1
|51| **Int.Cl. C02F 9/02 (2006.01) C02F 1/28 (2006.01) C02F 1/44 (2006.01) E03B 1/04 (2006.01)**
|25| EN
|54| **RESIDENTIAL GREY WATER RECYCLING SYSTEM**
|54| **SYSTEME DE RECYCLAGE DES EAUX GRISES RESIDENTIELLES**
|72| THOMPSON, CHRISTOPHER ROY, CA
|72| TOMESCU, IONEL JOHN, CA
|72| PEREIRA CALDEIRA, MICHAEL NELSON, CA
|72| LAKGHOMI, BABAK, CA
|71| GREYTER WATER SYSTEMS INC., CA
|85| 2018-08-21
|86| 2017-03-02 (PCT/CA2017/050282)
|87| (WO2017/147710)
|30| US (62/302,988) 2016-03-03
|30| US (62/305,625) 2016-03-09

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|13| A1
|51| **Int.Cl. B04B 7/14 (2006.01) B04B 5/12 (2006.01)**
|25| EN
|54| **A CENTRIFUGE ROTOR FOR A CENTRIFUGAL SEPARATOR, A CENTRIFUGAL SEPARATOR, A METHOD OF SEPARATION, AND A CONICAL DISK**
|54| **ROTOR CENTRIFUGE POUR UN SEPARATEUR CENTRIFUGE, SEPARATEUR CENTRIFUGE, PROCEDE DE SEPARATION, ET DISQUE CONIQUE**
|72| TORNBLOM, OLLE, SE
|71| ALFA LAVAL CORPORATE AB, SE
|85| 2018-08-21
|86| 2017-02-20 (PCT/EP2017/053785)
|87| (WO2017/144410)
|30| EP (16156722.7) 2016-02-22

|21| **3,015,268**
|13| A1
|51| **Int.Cl. C02F 3/12 (2006.01) C02F 3/30 (2006.01) C02F 3/10 (2006.01) C02F 3/34 (2006.01)**
|25| EN
|54| **BIOLOGICAL REMOVAL OF MICROPOLLUTANTS FROM WASTEWATER**
|54| **ELIMINATION BIOLOGIQUE DE MICROPOLLUANTS D'EAUX USEES**
|72| CHRISTENSSON, MAGNUS, SE
|72| WELANDER, THOMAS, SE
|71| VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT, FR
|85| 2018-08-21
|86| 2017-03-07 (PCT/EP2017/055234)
|87| (WO2017/153361)
|30| SE (1650321-1) 2016-03-09

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|13| A1
|51| **Int.Cl. B65D 75/00 (2006.01) B65D 75/58 (2006.01) C04B 40/06 (2006.01)**
|25| EN
|54| **PACKAGING SYSTEM FOR A CURABLE MULTI-COMPONENT MASS, USE OF SAID PACKAGING SYSTEM TO PROCESS THE CURABLE MULTI-COMPONENT MASS, AND METHOD FOR PRODUCING A CURABLE MULTI-COMPONENT MASS**
|54| **SYSTEME D'EMBALLAGE POUR UNE MASSE DE MULTICOMPOSANT DURCISSABLE, SON UTILISATION POUR LE TRAITEMENT DE LA MASSE MULTICOMOPSANT DURCISSABLE ET PROCEDE DE FABRICATION D'UNE MASSE MULTICOMPOSANT DURCISSABLE**
|72| PAETOW, MARIO, DE
|72| JEROMENOK, JEKATERINA, DE
|72| SETZER, FRIEDEMANN, DE
|72| KABECHE, TANINA, DE
|72| OLSCHNOEGGER, ERICA, LI
|71| HILTI AKTIENGESELLSCHAFT, LI
|85| 2018-08-21
|86| 2017-03-13 (PCT/EP2017/055771)
|87| (WO2017/157818)
|30| EP (16160359.2) 2016-03-15

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[13] A1
[51] **Int.Cl. C07D 417/10 (2006.01) A61K 31/54 (2006.01) A61P 33/06 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **IMINOTHIADIAZINANE DIOXIDE DERIVATIVES AS PLASMEPSIN V INHIBITORS**
[54] **DERIVES DE DIOXYDE D'IMINOTHIADIAZINANE UTILISES COMME INHIBITEURS DE LA PLASMEPSINE V**
[72] DE HARO GARCIA, TERESA, GB
[72] LOWE, MARTIN ALEXANDER, GB
[72] MACCOSS, MALCOLM, US
[72] TAYLOR, RICHARD DAVID, GB
[72] ZHU, ZHAONING, GB
[71] UCB BIOPHARMA SPRL, BE
[85] 2018-08-21
[86] 2017-02-22 (PCT/EP2017/054023)
[87] (WO2017/144517)
[30] GB (1603104.9) 2016-02-23

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[13] A1
[51] **Int.Cl. C04B 41/45 (2006.01) C04B 41/00 (2006.01) C04B 41/65 (2006.01) C09D 5/08 (2006.01)**
[25] EN
[54] **SURFACE APPLIED CORROSION INHIBITOR**
[54] **INHIBITEUR DE CORROSION APPLIQUE EN SURFACE**
[72] GOODWIN, FREDERICK R, US
[72] CROMWELL, OLIVIA RENEE, US
[71] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
[85] 2018-08-21
[86] 2017-03-13 (PCT/EP2017/055811)
[87] (WO2017/157836)
[30] US (62/309,119) 2016-03-16

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[13] A1
[51] **Int.Cl. E04B 1/00 (2006.01)**
[25] EN
[54] **FIRE-RESISTANT CONSTRUCTION ELEMENT FOR CONNECTING THERMALLY INSULATED PARTS OF A BUILDING**
[54] **ELEMENT DE CONSTRUCTION RESISTANT AU FEU POUR RELIER DES PARTIES THERMIQUEMENT ISOLEES D'UN BATIMENT**
[72] MICHIELS, PIERRE, BE
[72] REMY, OLIVIER, BE
[71] PLAKABETON NV, BE
[85] 2018-08-21
[86] 2017-03-16 (PCT/EP2017/056298)
[87] (WO2017/158123)
[30] BE (2016/5194) 2016-03-17

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[13] A1
[51] **Int.Cl. H02J 7/00 (2006.01) H01M 10/44 (2006.01)**
[25] EN
[54] **ONLINE BATTERY CAPACITY ESTIMATION UTILIZING PASSIVE BALANCING**
[54] **ESTIMATION DE CAPACITE DE BATTERIE EN LIGNE AU MOYEN D'UN EQUILIBRAGE PASSIF**
[72] VOVOS, ROBERT J., US
[71] BAE SYSTEMS CONTROLS INC., US
[85] 2018-08-20
[86] 2017-01-26 (PCT/US2017/015085)
[87] (WO2017/132344)
[30] US (15/009,249) 2016-01-28

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[13] A1
[51] **Int.Cl. A61K 38/02 (2006.01) A61K 31/7088 (2006.01) A61K 38/16 (2006.01) A61K 38/18 (2006.01) A61K 39/395 (2006.01) C07K 14/47 (2006.01) C07K 14/475 (2006.01) C07K 16/22 (2006.01) C07K 16/28 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **ACTIVIN TYPE 2 RECEPTOR BINDING PROTEINS AND USES THEREOF**
[54] **PROTEINES DE LIAISON AU RECEPTEUR DE L'ACTIVINE DE TYPE 2 ET LEURS UTILISATIONS**
[72] KUMAR, RAVINDRA, US
[72] BELK, JONATHAN, US
[72] GRINBERG, ASYA, US
[72] SAKO, DIANNE, US
[72] CASTONGUAY, ROSELYNE, US
[71] ACCELERON PHARMA INC., US
[71] ADIMAB, LLC, US
[85] 2018-08-20
[86] 2017-03-10 (PCT/US2017/021958)
[87] (WO2017/156488)
[30] US (62/306,354) 2016-03-10

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[13] A1
[51] **Int.Cl. A61F 2/42 (2006.01) A61F 2/30 (2006.01)**
[25] EN
[54] **TOTAL WRIST PROSTHESIS AND RELATED METHODS**
[54] **PROTHESE TOTALE DE POIGNET ET PROCEDES ASSOCIES**
[72] ORBAY, JORGE L., US
[72] TREMOLS, EDWARD J., US
[72] COOKE, BRIAN A., US
[71] SKELETAL DYNAMICS, LLC, US
[85] 2018-08-20
[86] 2017-03-24 (PCT/US2017/023953)
[87] (WO2017/165727)
[30] US (62/312,869) 2016-03-24

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|13| A1
|51| **Int.Cl. C08F 273/00 (2006.01) B33Y 70/00 (2015.01) C08F 2/16 (2006.01) C08F 226/10 (2006.01) C09J 4/06 (2006.01)**
|25| EN
|54| **ELECTRICALLY CONDUCTING HYDROPHILIC CO-POLYMERS**
|54| **COPOLYMERES HYDROPHILES ELECTROCONDUCTEURS**
|72| HIGHGATE, DONALD JAMES, GB
|71| SUPERDIELECTRICS LTD, GB
|85| 2018-08-21
|86| 2016-11-30 (PCT/GB2016/053752)
|87| (WO2017/153705)
|30| GB (1604248.3) 2016-03-11

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|13| A1
|51| **Int.Cl. B32B 21/02 (2006.01)**
|25| EN
|54| **METHOD FOR THE PRODUCTION OF MULTILAYER LAMINATED BOARDS AND RESULTING BOARD**
|54| **PROCEDE DE FABRICATION DE PANNEAUX ALLEGES STRATIFIES MULTICOUCHES ET PANNEAU OBTENU SELON LEDIT PROCEDE**
|72| RECAMAN GONZALEZ, SANTIAGO, ES
|71| FINANCIERA MADERERA, S.A., ES
|85| 2018-08-21
|86| 2017-02-23 (PCT/ES2017/070101)
|87| (WO2017/144760)
|30| ES (PCT/ES2016/070114) 2016-02-23

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|13| A1
|51| **Int.Cl. F03D 17/00 (2016.01) G01B 11/24 (2006.01) G01B 11/245 (2006.01)**
|25| EN
|54| **MEASURING SYSTEM FOR MEASURING A SURFACE OF A ROTOR BLADE OF A WIND TURBINE**
|54| **SYSTEME DE MESURE POUR MESURER UNE SURFACE D'UNE PALE DE ROTOR D'EOLIENNE**
|72| SWEERS, HEINER, DE
|72| ALTMIKUS, ANDREE, DE
|71| WOBBEN PROPERTIES GMBH, DE
|85| 2018-08-21
|86| 2017-03-29 (PCT/EP2017/057436)
|87| (WO2017/167814)
|30| DE (10 2016 205 469.4) 2016-04-01

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|51| **Int.Cl. C07D 295/185 (2006.01) A61K 31/12 (2006.01) A61K 31/407 (2006.01) A61K 31/42 (2006.01) A61K 31/435 (2006.01) A61K 31/445 (2006.01) A61K 31/46 (2006.01) A61K 31/47 (2006.01) A61K 31/495 (2006.01) A61K 31/496 (2006.01) A61K 31/498 (2006.01) A61P 35/00 (2006.01) C07C 49/563 (2006.01) C07D 217/16 (2006.01) C07D 401/08 (2006.01) C07D 403/04 (2006.01) C07D 403/06 (2006.01) C07D 405/06 (2006.01) C07D 407/04 (2006.01) C07D 409/08 (2006.01) C07D 413/12 (2006.01) C07D 451/02 (2006.01) C07D 487/04 (2006.01)**
|25| EN
|54| **SMALL MOLECULE INHIBITORS OF THE NUCLEAR TRANSLOCATION OF ANDROGEN RECEPTOR FOR THE TREATMENT OF CASTRATION-RESISTANT PROSTATE CANCER**
|54| **INHIBITEUR DE TYPE PETITE MOLECULE DE LA TRANSLOCATION NUCLEAIRE DU RECEPTEUR AUX ANDROGENES POUR LE TRAITEMENT DU CANCER DE LA PROSTATE RESISTANT A LA CASTRATION**
|72| TAI, SERENE, US
|72| TAKUBO, KEITA, US
|72| MILLIGAN, JOHN, US
|72| WIPF, PETER, US
|72| JOHNSON, JAMES K., US
|72| SKODA, ERIN M., US
|72| NELSON, JOEL B., US
|72| WANG, ZHOU, US
|71| UNIVERSITY OF PITTSBURGH-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
|85| 2018-08-20
|86| 2017-03-24 (PCT/US2017/024105)
|87| (WO2017/165822)
|30| US (15/080,237) 2016-03-24

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|13| A1
|51| **Int.Cl. A61F 5/56 (2006.01)**
|25| FR
|54| **DEVICE FOR REDUCING THE NOISE NUISANCE LINKED TO SNORING**
|54| **DISPOSITIF POUR REDUIRE DES NUISANCES SONORES LIEES AU RONFLEMENT**
|72| CAVALERI, ANTONIO, BE
|72| UNGERMAN, CHARLES WARREN, BE
|72| TROVO, ERNESTO, BE
|71| CAVALERI, ANTONIO, BE
|71| UNGERMAN, CHARLES WARREN, BE
|71| TROVO, ERNESTO, BE
|85| 2018-08-20
|86| 2017-02-14 (PCT/EP2017/053299)
|87| (WO2017/144311)
|30| BE (2016/5139) 2016-02-26

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|13| A1
|51| **Int.Cl. C08F 226/06 (2006.01) B29C 67/00 (2017.01) C08F 226/10 (2006.01) G02F 1/13 (2006.01) H01G 4/00 (2006.01) H01M 10/06 (2006.01)**
|25| EN
|54| **IMPROVED HYDROPHILIC COMPOSITIONS**
|54| **COMPOSITIONS HYDROPHILES AMELIOREES**
|72| HIGHGATE, DONALD JAMES, GB
|72| HAMMERTON, IAN, GB
|72| HOWLIN, BRENDAN, GB
|71| SUPERDIELECTRICS LTD, GB
|85| 2018-08-21
|86| 2016-11-30 (PCT/GB2016/053753)
|87| (WO2017/153706)
|30| GB (1604249.1) 2016-03-11

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|13| A1
|51| **Int.Cl. G01V 3/10 (2006.01)**
|25| FR
|54| **FACTOR 1 INDUCTIVE SENSOR DEVICE**
|54| **DISPOSITIF DETECTEUR INDUCTIF DE FACTEUR 1**
|72| LOTZ, THOMAS, FR
|71| SENSTRONIC (SOCIETE PAR ACTIONS SIMPLIFIEE), FR
|85| 2018-08-21
|86| 2017-03-15 (PCT/FR2017/050587)
|87| (WO2017/158287)
|30| FR (1652242) 2016-03-16

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[13] A1
[51] **Int.Cl. E21B 49/00 (2006.01) G01N 11/10 (2006.01)**
[25] EN
[54] **DETERMINING SPOTTING FLUID PROPERTIES**
[54] **DETERMINATION DE PROPRIETES DE FLUIDE DE POSITIONNEMENT**
[72] AMANULLAH, MD, SA
[72] ALSUBAIE, TURKI THUWAINI MOHAMMED, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2018-08-20
[86] 2017-02-02 (PCT/US2017/016123)
[87] (WO2017/146884)
[30] US (15/050,916) 2016-02-23

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **CHIMERIC ANTIGEN RECEPTOR**
[54] **RECEPTEUR D'ANTIGENE CHIMERE**
[72] BICKNELL, ROY, GB
[72] LEE, STEVEN, GB
[72] MOUNT, NATALIE, GB
[72] SHARPE, MICHAELA, GB
[71] CANCER RESEARCH TECHNOLOGY LIMITED, GB
[71] THE UNIVERSITY OF BIRMINGHAM, GB
[71] CELL THERAPY CATAPULT LIMITED, GB
[85] 2018-08-21
[86] 2017-03-14 (PCT/GB2017/050686)
[87] (WO2017/158337)
[30] GB (1604387.9) 2016-03-15
[30] GB (1612533.8) 2016-07-19
[30] GB (1612844.9) 2016-07-25

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[13] A1
[51] **Int.Cl. E06B 3/673 (2006.01) E06B 3/663 (2006.01)**
[25] FR
[54] **METHOD AND EQUIPMENT FOR PRODUCING A MULTIPLE-GLAZED UNIT**
[54] **PROCEDE ET INSTALLATION DE FABRICATION D'UN VITRAGE MULTIPLE**
[72] HERVIEUX, SEBASTIEN, FR
[72] OGUREK, JUERGEN, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2018-08-21
[86] 2017-03-31 (PCT/FR2017/050764)
[87] (WO2017/168106)
[30] FR (1652797) 2016-03-31

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[13] A1
[51] **Int.Cl. A47K 3/32 (2006.01) E04H 1/12 (2006.01) E05C 19/14 (2006.01) F16B 2/18 (2006.01) F16B 12/26 (2006.01) F16B 12/38 (2006.01) E03D 7/00 (2006.01)**
[25] EN
[54] **CHEMICAL TOILET CABIN**
[54] **CABINE DE TOILETTES CHIMIQUES**
[72] DAINELLI, ALESSIO, IT
[71] DAINELLI, ALESSIO, IT
[85] 2018-08-21
[86] 2017-02-28 (PCT/IB2017/051169)
[87] (WO2017/149454)
[30] IT (102016000021095) 2016-02-29

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[13] A1
[51] **Int.Cl. G01N 33/68 (2006.01) C07K 16/00 (2006.01)**
[25] EN
[54] **MASS SPECTROMETRY KIT**
[54] **KIT DE SPECTROMETRIE DE MASSE**
[72] MURRAY, DAVID L., US
[72] HARDING, STEPHEN, GB
[72] BARNIDGE, DAVID R., US
[72] WALLIS, GREGG, GB
[72] MILLS, JOHN, US
[72] ASHBY, JAMIE, GB
[71] THE BINDING SITE GROUP LIMITED, GB
[71] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US
[85] 2018-08-21
[86] 2017-02-24 (PCT/GB2017/050489)
[87] (WO2017/144900)
[30] GB (1603291.4) 2016-02-25
[30] US (62/368,606) 2016-07-29

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[13] A1
[51] **Int.Cl. B65D 71/50 (2006.01) A21D 13/31 (2017.01) A21D 13/32 (2017.01) A21D 13/33 (2017.01) A21D 13/42 (2017.01) A21D 13/43 (2017.01) A21D 13/44 (2017.01) A21D 10/02 (2006.01) B65D 59/06 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN OR RELATING TO HANDHELD FOOD PRODUCTS**
[54] **AMELIORATIONS APPORTEES OU RELATIVES A DES DENREES ALIMENTAIRES PORTABLES**
[72] ISSERLES, NORMAN, CH
[71] MA CUISINE ORIGINALE LTD, CY
[85] 2018-08-21
[86] 2017-02-22 (PCT/IB2017/000201)
[87] (WO2017/144972)
[30] GB (1603150.2) 2016-02-22

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[13] A1
[51] **Int.Cl. B65D 85/804 (2006.01)**
[25] EN
[54] **BEVERAGE MACHINE AND CAPSULE FOR USE WITH THE BEVERAGE MACHINE**
[54] **MACHINE A BOISSONS ET CAPSULE DESTINEE A ETRE UTILISEE AVEC LA MACHINE A BOISSONS**
[72] FEDORAK, BRYAN NEIL STEPHEN, CA
[72] NEEVEL, JASON, CA
[72] CHRISTENSEN, KRISTOPHER, CA
[72] EDDING, JACOB, CA
[72] DE GUZMAN, ART, CA
[72] BOYD, NICOL ALEXANDER, CN
[72] ROSEN, TOMAS WILHEIM, SE
[71] BARTESIAN INC., CA
[85] 2018-08-21
[86] 2017-03-01 (PCT/IB2017/051205)
[87] (WO2017/149479)
[30] US (62/301,895) 2016-03-01

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[13] A1
[51] **Int.Cl. E04B 2/06 (2006.01) E04B 2/02 (2006.01) E04B 2/12 (2006.01) E04D 11/00 (2006.01) E04F 15/024 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD, KIT AND MODULAR ELEMENT FOR THE DRY BUILDING OF STRUCTURES FOR CONSTRUCTIONS**
[54] **SYSTEME, PROCEDE, KIT ET ELEMENT MODULAIRE POUR LA CONSTRUCTION SECHE DE STRUCTURES DE CONSTRUCTION**
[72] FRACASSI, CRISTIAN, IT
[71] ISINNOVA S.R.L., IT
[85] 2018-08-21
[86] 2017-02-24 (PCT/IB2017/051073)
[87] (WO2017/145108)
[30] IT (102016000019565) 2016-02-25
[30] IT (102016000019579) 2016-02-25
[30] IT (102016000019586) 2016-02-25
[30] IT (102016000019600) 2016-02-25

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[13] A1
[51] **Int.Cl. A47J 27/00 (2006.01) F24C 7/08 (2006.01) G05B 15/00 (2006.01)**
[25] EN
[54] **WIRELESSLY CONTROLLED COOKING SYSTEM**
[54] **SYSTEME DE CUISSON COMMANDE SANS FIL**
[72] VENGROFF, DARREN ERIK, US
[71] MEYER INTELLECTUAL PROPERTIES LIMITED, CN
[85] 2018-08-20
[86] 2017-02-17 (PCT/US2017/018310)
[87] (WO2017/143146)
[30] US (62/297,134) 2016-02-18
[30] US (62/302,018) 2016-03-01
[30] US (15/434,695) 2017-02-16

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[13] A1
[51] **Int.Cl. A61K 31/465 (2006.01) A24F 47/00 (2006.01) A61K 9/12 (2006.01) A61K 9/72 (2006.01) A61P 25/34 (2006.01)**
[25] EN
[54] **NICOTINE FORMULATION AND AEROSOLS**
[54] **FORMULATION DE NICOTINE ET AEROSOLS**
[72] HAZANI, MIRON, IL
[71] NICOGEN LTD., IL
[85] 2018-08-21
[86] 2017-02-28 (PCT/IL2017/050252)
[87] (WO2017/149534)
[30] US (62/300,947) 2016-02-29
[30] US (62/439,911) 2016-12-29

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[13] A1
[51] **Int.Cl. F16L 15/04 (2006.01)**
[25] EN
[54] **THREADED JOINT FOR STEEL PIPES**
[54] **RACCORD FILETE POUR TUYAUX EN ACIER**
[72] OKU, YOUSUKE, JP
[72] SUGINO, MASAAKI, JP
[72] OTA, FUMIO, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[71] VALLOUREC OIL AND GAS FRANCE, FR
[85] 2018-08-21
[86] 2016-02-23 (PCT/JP2016/000963)
[87] (WO2017/145192)

[21] **3,015,308**
[13] A1
[51] **Int.Cl. A61C 5/85 (2017.01) A61C 5/80 (2017.01)**
[25] EN
[54] **DENTAL INSTRUMENT FOR RESTORATIVE PROCEDURES**
[54] **INSTRUMENT DENTAIRE DESTINE A DES INTERVENTIONS DE RESTAURATION**
[72] KATZ, STUART JEFFREY, CA
[72] BEHRAD, MOHSSEN, CA
[71] KATZ, STUART JEFFREY, CA
[85] 2018-08-21
[86] 2017-02-23 (PCT/IB2017/000244)
[87] (WO2017/144974)
[30] US (62/298,679) 2016-02-23

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[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/407 (2006.01) A61P 31/00 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **CARBAPENEM COMPOUNDS**
[54] **COMPOSES DE CARBAPENEME**
[72] BALASUBRAMANIAN, GOPALAN, IN
[72] PAUL-SATYASEELA, MANEESH, IN
[72] SRINIVASAN, CHIDAMBARAM VENKATESWARAN, IN
[72] IYER, SRIDHAR RAMANATHAN, IN
[72] PERIASAMY, HARIHARAN, IN
[72] PARAMESWARAN, VENKATESAN, IN
[72] THIRUNAVUKKARASU, BHARANI, IN
[72] GUNTURU, PRABHAKAR RAO, IN
[72] DESHKUMAR, MANJULA DEVI, IN
[72] JAKKALA, VENKATESHWARLU, IN
[72] NARGUND, RAVI, US
[72] MILLER, MICHAEL WAYNE, US
[72] SINGH, SHEO, US
[72] DONG, SHUZHI, US
[72] WANG, HONGWU, US
[72] YOUNG, KATHERINE, US
[71] ORCHID PHARMA LTD., IN
[71] MERCK SHARP & DOHME CORP., US
[85] 2018-08-21
[86] 2017-03-15 (PCT/IN2017/000060)
[87] (WO2017/158616)
[30] IN (201641009127) 2016-03-16

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[13] A1
[51] **Int.Cl. H01H 36/00 (2006.01)**
[25] EN
[54] **ACTUATION APPARATUS FOR MAGNETICALLY-TRIGGERED PROXIMITY SWITCHES**
[54] **APPAREIL D'ACTIONNEMENT POUR COMMUTATEURS DE PROXIMITE A DECLENCHEMENT MAGNETIQUE**
[72] LAFOUNTAIN, ROBERT L., US
[72] HAMPTON, BRIAN, US
[72] MCDILL, JAMES, US
[72] RIGSBY, BRUCE, US
[72] SIMMONS, MICHAEL, US
[71] GENERAL EQUIPMENT AND MANUFACTURING COMPANY, INC. D/B/A TOPWORX, INC., US
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[54] **WORK ANALYSIS ASSISTANCE DEVICE, WORK ANALYSIS ASSISTANCE METHOD, COMPUTER PROGRAM, AND INFORMATION STORAGE MEDIUM**
[54] **DISPOSITIF D'AIDE A L'ANALYSE DU TRAVAIL, PROCEDE D'AIDE A L'ANALYSE DU TRAVAIL, PROGRAMME D'ORDINATEUR ET SUPPORT D'INFORMATIONS**
[72] ARAO, TAKAHIDE, JP
[72] OOKA, AKIRA, JP
[71] BROADLEAF CO., LTD., JP
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[54] **S-ENANTIOMERICALLY ENRICHED COMPOSITIONS OF BETA BLOCKERS FOR TREATING MUSCLE WEAKNESS**
[54] **COMPOSITIONS DE BETA-BLOQUANTS ENRICHIES EN ENANTIOMERE S POUR LE TRAITEMENT DE LA FAIBLESSE MUSCULAIRE**
[72] ANKER, STEFAN, DE
[72] COATS, ANDREW J.S., AU
[71] ACTIMED THERAPEUTICS LTD, GB
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[54] **METHODS AND SYSTEMS FOR TREATMENT OF SPINAL DISORDERS USING TRANS-SPINAL DIRECT CURRENT STIMULATION**
[54] **PROCEDES ET SYSTEMES PERMETTANT LE TRAITEMENT DE TROUBLES RACHIDIENS A L'AIDE D'UNE STIMULATION TRANS-RACHIDIENNE A COURANT CONTINU**
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[71] RESEARCH FOUNDATION OF THE CITY UNIVERSITY OF NEW YORK, US
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[54] **METHOD FOR EVALUATING QUALITY OF MIRNA DERIVED FROM BODY FLUID**
[54] **PROCEDE POUR EVALUER LA QUALITE DE MIARN DERIVE D'UN FLUIDE CORPOREL**
[72] NATORI, KAZUE, JP
[72] KOZONO, SATOKO, JP
[72] KONDOU, SATOSHI, JP
[71] TORAY INDUSTRIES, INC., JP
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[54] **SYSTEMS AND METHODS FOR RESOLVING CONFLICTS IN ORDER MANAGEMENT OF DATA PRODUCTS**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE RESOUDRE LES CONFLITS AU NIVEAU DE LA GESTION DES COMMANDES DES PRODUITS DE DONNEES**
[72] SAXENA, SANDEEP, IN
[72] NATARAJAN, VIJAYARANGAN, IN
[72] KARANDE, SHIRISH SUBHASH, IN
[72] PADMANABHAN, KISHORE, IN
[72] VISWANATHAN, RAM HARITH, IN
[71] TATA CONSULTANCY SERVICES LIMITED, IN
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[54] **COMMUNICATION SYSTEM, BASE STATION AND COMMUNICATION CONTROL METHOD**
[54] **SYSTEME DE TELECOMMUNICATION, STATION DE BASE ET PROCEDE DE COMMANDE DE TELECOMMUNICATION**
[72] SHIOBARA, SHOTA, JP
[72] OKAMAWARI, TAKAO, JP
[72] FUJII, TERUYA, JP
[71] SOFTBANK CORP., JP
[85] 2018-08-21
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[54] **METHOD AND SYSTEM FOR ALLOCATING A PRICE DISCOVERY MECHANISM IN A DATA MARKETPLACE**
[54] **PROCEDE ET SYSTEME DESTINES A AFFECTER UN MECANISME DE DETERMINATION DE PRIX DANS UNE PLACE DE MARCHE DE DONNEES**
[72] DAHAKE, SHISHIR, IN
[72] PADMANABHAN, KISHORE, IN
[72] NATARAJAN, VIJAYARANGAN, IN
[72] SAXENA, SANDEEP, IN
[72] VISWANATHAN, RAM HARITH, IN
[71] TATA CONSULTANCY SERVICES LIMITED, IN
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[54] **DEVICE, SYSTEM AND PROCESS FOR ROBOTIC RADIOBIOLOGY**
[54] **DISPOSITIF, SYSTEME ET PROCEDE POUR RADIOBIOLOGIE ROBOTISEE**
[72] JAFFRAY, DAVID A., CA
[72] WOUTERS, BRADLY G., CA
[72] JAFFRAY, ALEXANDER RALPH LINO, CA
[72] ELLIOTT, RYAN STEVEN, CA
[71] UNIVERSITY HEALTH NETWORK, CA
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[54] **ROAD MONITORING METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE SURVEILLANCE DE ROUTE**
[72] WESSELS, ILLEZE, ZA
[72] WESSELS, CAREL LOURENS, ZA
[72] STEYN, WYNAND JACOBUS VAN DER MERWE, ZA
[71] TRACKER CONNECT (PTY) LIMITED, ZA
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[54] **SYSTEMS AND METHODS FOR CONTROLLING A POWER PLANT**
[54] **SYSTEMES ET PROCEDES DE COMMANDE D'UNE CENTRALE ELECTRIQUE**
[72] FETVEDT, JEREMY ERON, US
[71] 8 RIVERS CAPITAL, LLC, US
[85] 2018-08-21
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[25] EN
[54] **PLANT OR MICROORGANISM-DERIVED CAROTENOID-OXYGEN COPOLYMER COMPOSITIONS, METHODS OF IDENTIFYING, QUANTIFYING AND PRODUCING SAME AND USES THEREOF**
[54] **COMPOSITIONS DE COPOLYMERES D'OXYGENE ET DE CAROTENOIDES DERIVES DE MICRO-ORGANISMES OU DE VEGETAUX, PROCEDES D'IDENTIFICATION, DE QUANTIFICATION ET DE PRODUCTION DE CES COPOLYMERES, ET UTILISATIONS ASSOCIEES**
[72] BURTON, GRAHAM W., CA
[72] DAROSZEWSKI, JANUSZ, CA
[72] MOGG, TREVOR J., CA
[72] NIKIFOROV, GRIGORY B., CA
[72] NICKERSON, JAMES GARY, CA
[72] GROOME, CAMERON L., CA
[71] AVIVAGEN INC., CA
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[54] **SILVER-CARRYING ZEOLITE MOLDED ARTICLE**
[54] **OBJET MOULE EN ZEOLITHE PORTEUSE D'ARGENT**
[72] TOKUNAGA, KEISUKE, JP
[72] HIRANO, SHIGERU, JP
[72] SHIMIZU, YOJU, JP
[72] FUNAKOSHI, HAJIME, JP
[71] TOSOH CORPORATION, JP
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[51] **Int.Cl. G06F 11/30 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PROTECTION OF DATA CENTER IDENTIFIABLE INFORMATION**
[54] **PROCEDE ET APPAREIL DE PROTECTION D'INFORMATIONS IDENTIFIABLES DE CENTRE DE DONNEES**
[72] CHERRY, MICHAEL, US
[72] KENNEDY, JOSEPH, US
[72] SCHENK, MANFRED, US
[72] SWITZER, MARK, CA
[71] CHERRY, MICHAEL, US
[71] KENNEDY, JOSEPH, US
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[25] EN
[54] **ELECTRODE CATALYST, COMPOSITION FOR FORMING GAS DIFFUSION ELECTRODE, GAS DIFFUSION ELECTRODE, MEMBRANE ELECTRODE ASSEMBLY, AND FUEL CELL STACK**
[54] **CATALYSEUR DESTINE A UNE ELECTRODE, COMPOSITION DESTINEE A FORMER UNE ELECTRODE A DIFFUSION DE GAZ, ELECTRODE A DIFFUSION DE GAZ, ENSEMBLE ELECTRODE A MEMBRANE, ET EMPILEMENT DE PILES A COMBUSTIBLE**
[72] MIZUSAKI TOMOTERU, JP
[72] NAKAMURA YOKO, JP
[72] NAGAMORI KIYOTAKA, JP
[72] IGARASHI HIROSHI, JP
[72] SEKI YASUHIRO, JP
[71] N.E. CHEMCAT CORPORATION, JP
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[51] **Int.Cl. C07D 237/02 (2006.01) A61K 31/50 (2006.01) A61P 35/00 (2006.01) C07D 237/14 (2006.01)**
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[54] **DERIVE 5-METHYL-6-PHENYL -4,5-DIHYDRO -2 H-PYRIDAZIN-3-ONE**
[72] KATOH, TAKAHIRO, JP
[72] IIDA, MASATOSHI, JP
[72] TERAUCHI, YUKI, JP
[72] YAMAGUCHI, KAZUYA, JP
[72] HIROSE, TOSHIYUKI, JP
[72] YOKOYAMA, FUMIHARU, JP
[72] NISHIMORI, HIKARU, JP
[72] OBUCHI, YUTAKA, JP
[72] NABESHIMA, HIROSHI, JP
[72] TAKAKI, EMIRI, JP
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[54] **DEGRADABLE MATERIAL TIME DELAY SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE TEMPORISATION PAR MATERIAU DEGRADABLE**
[72] HARDESTY, JOHN T., US
[72] ROESSLER, DENNIS, US
[72] GEORGE, KEVIN R., US
[71] GEODYNAMICS, INC., US
[85] 2018-08-21
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[54] **GAS DIFFUSION ELECTRODE BASE, LAMINATE AND FUEL CELL**
[54] **BASE D'ELECTRODE A DIFFUSION DE GAZ, STRATIFIE ET PILE A COMBUSTIBLE**
[72] UTSUNOMIYA, MASAMICHI, JP
[72] TANIMURA, YASUAKI, JP
[72] KAMAE, TOSHIYA, JP
[72] URAI, JUNICHI, JP
[71] TORAY INDUSTRIES, INC., JP
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[54] **VACCIN CONTRE LES OPIOIDES DE SYNTHESE**
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[71] THE SCRIPPS RESEARCH INSTITUTE, US
[85] 2018-08-21
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[54] **AUTO-ADJUSTING DATA LOG RECORD TIMESTAMPS**
[54] **REGLAGE AUTOMATIQUE DES HORODATAGES D'ENREGISTREMENT DE JOURNAL DE DONNEES**
[72] KING, JONATHAN DAVID, US
[71] HUBBELL INCORPORATED, US
[85] 2018-08-21
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[54] **INTENTION SIGNALING FOR AN AUTONOMOUS VEHICLE**
[54] **SIGNALISATION D'INTENTION POUR VEHICULE AUTONOME**
[72] ROSS, WILLIAM PAYNE, US
[72] LIU, CHENGGANG, US
[72] SWEENEY, MATTHEW, US
[72] PILARSKI, THOMAS, US
[71] UBER TECHNOLOGIES, INC., US
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[54] **FIBER-REINFORCED COMPOSITE EXTRUSION WITH ENHANCED PROPERTIES**
[54] **EXTRUSION DE COMPOSITE RENFORCE PAR FIBRES PRESENTANT DES PROPRIETES AMELIOREES**
[72] EHRLICHMANN, JESSICA KATHRYN, US
[72] PETERSON, TREVOR DEAN, US
[72] GRONLUND, PATRICK JEROME, US
[71] ANDERSEN CORPORATION, US
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[54] **MICROFLOW RESTRICTOR ASSEMBLY AND METHODS OF MAKING THE SAME**
[54] **ENSEMBLE RESTRICTEUR DE MICRO-ECOULEMENT ET PROCEDES DE FABRICATION ASSOCIES**
[72] SCHINAZI, ROBERT G., US
[71] L2R ENTERPRISES, LLC, US
[85] 2018-08-21
[86] 2017-02-21 (PCT/US2017/018710)
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[25] EN
[54] **LUBRICANTS FOR USE IN BOOSTED ENGINES**
[54] **LUBRIFIANTS DESTINES A ETRE UTILISES DANS DES MOTEURS SURALIMENTES**
[72] YANG, KONGSHENG, US
[72] FLETCHER, KRISTIN, US
[72] LAM, WILLIAM Y., US
[72] STYER, JEREMY, US
[71] AFTON CHEMICAL CORPORATION, US
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[30] US (15/053,617) 2016-02-25
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[25] EN
[54] **3D TOOLFACE WELLBORE STEERING VISUALIZATION**
[54] **VISUALISATION DE GUIDAGE DE TROU DE FORAGE DE FACE DE COUPE TRIDIMENSIONNELLE (3D)**
[72] GILLAN, COLIN, US
[72] BOONE, SCOTT GILBERT, US
[71] CANRIG DRILLING TECHNOLOGY LTD., US
[85] 2018-08-21
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|54| **DISPOSITIF DE DEMONSTRATION MOBILE POUR CARREAUX D'ISOLEMENT ACOUSTIQUE**
|72| FRANK, WILLIAM, US
|72| KEMERLING, JAMES MARK, US
|72| CHATMAN, CHESTER, US
|71| USG INTERIORS, LLC, US
|85| 2018-08-21
|86| 2017-02-21 (PCT/US2017/018684)
|87| (WO2017/176378)
|30| US (15/054,482) 2016-02-26

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|54| **COMBINATION THERAPIES FOR TREATMENT OF SPINAL MUSCULAR ATROPHY**
|54| **POLYTHERAPIES UTILISEES DANS LE TRAITEMENT DE L'AMYOTROPHIE SPINALE**
|72| ANDROPHY, ELLIOT J., US
|72| HODGETTS, KEVIN, US
|72| CALDER, ALYSSA NICOLE, US
|71| INDIANA UNIVERSITY RESEARCH & TECHNOLOGY CORPORATION, US
|71| THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
|85| 2018-08-21
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|54| **COMPOSITIONS DE NUTRIMENTS SOUS FORME SOLIDE**
|72| HARMON, BUD, US
|71| RAILSPLITTER FEED TECHNOLOGY, INC., US
|85| 2018-08-21
|86| 2017-02-21 (PCT/US2017/018746)
|87| (WO2017/147084)
|30| US (62/298,201) 2016-02-22
|30| US (PCT/US2016/018910) 2016-02-22

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|54| **FORMULATIONS OF ANTIBODY MOLECULES TO INFLUENZA VIRUS**
|54| **FORMULATIONS DE MOLECULES D'ANTICORPS CONTRE LE VIRUS DE LA GRIPPE**
|72| SLOAN, SUSAN, US
|72| XU, BI, US
|71| VISTERRA, INC., US
|85| 2018-08-20
|86| 2017-02-23 (PCT/US2017/019053)
|87| (WO2017/147248)
|30| US (62/299,162) 2016-02-24

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|54| **GYPSUM PANELS AND METHODS**
|54| **PLAQUES DE PLATRE ET PROCEDES**
|72| ROHLF, EVAN VINCENT, US
|71| UNITED STATES GYPSUM COMPANY, US
|85| 2018-08-21
|86| 2017-02-22 (PCT/US2017/018783)
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|30| US (15/054,487) 2016-02-26

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|54| **IMPROVED BLADDER INJECTION PARADIGM FOR ADMINISTRATION OF BOTULINUM TOXINS**
|54| **PARADIGME D'INJECTION AMELIORE POUR L'ADMINISTRATION DE TOXINES BOTULIQUES A LA VESSIE**
|72| ALVANDI, NANCY, US
|72| DADAS, CHRISTOPHER A., US
|72| JOSHI, MANHER A., US
|71| ALLERGAN, INC., US
|85| 2018-08-21
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|54| **RESEALABLE CONTAINER LID AND ACCESSORIES INCLUDING METHODS OF MANUFACTURE AND USE**
|54| **COUVERCLE DE RECIPIENT REFERMABLE ET ACCESSOIRES COMPORTANT DES PROCEDES DE FABRICATION ET LEUR UTILISATION**
|72| ZABALETA, DANIEL A., US
|72| HACKETT, SAM D., US
|72| BULSO, JOSEPH D., US
|72| LIVEZEY, DANIEL EDWARD, US
|72| HIBBS, WILLIAM ALLEN, JR., US
|71| POWERCAN HOLDING, LLC, US
|85| 2018-08-20
|86| 2017-02-24 (PCT/US2017/019274)
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[54] **MODULAR PROCESSING FACILITY**
[54] **INSTALLATION DE TRAITEMENT MODULAIRE**
[72] HANEY, FRED, US
[72] DONOVAN, GARY, US
[72] ROTH, TODD, US
[72] LOWRIE, ALAN, US
[72] MORLIDGE, GEORGE, US
[72] LUCCHINI, SIMON, US
[72] HALVORSEN, SEAN, US
[71] FLUOR TECHNOLOGIES CORPORATION, US
[85] 2018-08-20
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[87] (WO2017/147405)
[30] US (62/300,636) 2016-02-26
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[25] EN
[54] **CYBERSECURITY SYSTEMS AND TECHNIQUES**
[54] **SYSTEMES ET TECHNIQUES DE CYBERSECURITE**
[72] WACHDORF, DANIEL, US
[72] LUNDGREN, SCOTT, US
[71] CARBON BLACK, INC., US
[85] 2018-08-21
[86] 2017-02-23 (PCT/US2017/019029)
[87] (WO2017/147236)
[30] US (62/298,707) 2016-02-23

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[25] EN
[54] **VIRAL AND ONCOVIRAL NUCLEASE TREATMENT**
[54] **TRAITEMENT AU MOYEN D'UNE NUCLEASE VIRALE ET ONCOVIRALE**
[72] QUAKE, STEPHEN R., US
[72] SLOAN, DEREK D., US
[72] XIONG, XIN CINDY, US
[71] AGENOVIR CORPORATION, US
[85] 2018-08-20
[86] 2017-02-24 (PCT/US2017/019390)
[87] (WO2017/147446)
[30] US (62/299,792) 2016-02-25
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[54] **POLYMERIZED OILS & METHODS OF MANUFACTURING THE SAME**
[54] **HUILES POLYMERISEES ET LEUR PROCEDES DE FABRICATION**
[72] KURTH, TODD, US
[72] STEVERMER, CHRISTOPHER PATRICK, US
[72] TABATABAEE, HASSAN ALI, US
[71] CARGILL, INCORPORATED, US
[85] 2018-08-20
[86] 2017-02-24 (PCT/US2017/019445)
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[54] **SYSTEM AND METHOD FOR DOWNLINK COMMUNICATION**
[54] **SYSTEME ET PROCEDE POUR COMMUNICATION EN LIAISON DESCENDANTE**
[72] JONES, STEPHEN, US
[72] SUGIURA, JUNICHI, US
[71] SANVEAN TECHNOLOGIES LLC, US
[85] 2018-08-21
[86] 2017-02-23 (PCT/US2017/019188)
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[54] **DIFFERENTIAL VELOCITY SENSOR**
[54] **SYSTEME DE TRANSFERT DE DIFFERENTIEL**
[72] MCBRIDE, GENE E., US
[71] HUNTING TITAN, INC., US
[85] 2018-08-21
[86] 2017-02-23 (PCT/US2017/019190)
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[25] EN
[54] **ANTIPARASITIC ISOXAZOLINE COMPOUNDS, LONG-ACTING INJECTABLE FORMULATIONS COMPRISING THEM, METHODS AND USES THEREOF**
[54] **COMPOSES D'ISOXAZOLINE ANTIPARASITAIRES, PREPARATIONS INJECTABLES DE LONGUE DUREE LES COMPRENANT, LEURS PROCEDES ET UTILISATIONS**
[72] LE HIR DE FALLOIS, LOIS PATRICK, US
[72] MENG, CHARLES Q., US
[72] CADY, SUSAN MANCINI, US
[72] CHEIFETZ, PETER, US
[72] GALESKA, IZABELA, US
[71] MERIAL, INC., US
[85] 2018-08-21
[86] 2017-02-24 (PCT/US2017/019239)
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[30] US (62/299,333) 2016-02-24
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[25] EN
[54] **TARGETED THERAPEUTIC LYSOSOMAL ENZYME FUSION PROTEINS, ASSOCIATED FORMULATIONS AND USES THEREOF**
[54] **PROTEINES DE FUSION D'ENZYMES LYSOSOMALES THERAPEUTIQUES CIBLEES, FORMULATIONS ASSOCIEES ET LEURS UTILISATIONS**
[72] MOSHASHAEE, SAEED, US
[72] PINKSTAFF, JASON K., US
[72] SHAYWITZ, ADAM, US
[72] CIACCIO, NATALIE, US
[71] BIOMARIN PHARMACEUTICAL INC., US
[85] 2018-08-21
[86] 2017-02-24 (PCT/US2017/019343)
[87] (WO2017/147414)
[30] US (62/299,188) 2016-02-24
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[25] EN
[54] **HIGHLY FILLED POLYMERIC CONCENTRATES**
[54] **CONCENTRES POLYMERES HAUTEMENT CHARGES**
[72] CERNOHOUS, JEFFREY J., US
[72] ELLIOTT, DEAN, US
[71] INTERFACIAL CONSULTANTS LLC, US
[85] 2018-08-21
[86] 2017-02-24 (PCT/US2017/019420)
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR TARGET DETECTION**
[54] **METHODES ET COMPOSITIONS POUR DETECTION DE CIBLES**
[72] GOURGUECHON, STEPHANE B., US
[72] CARPENTER, MEREDITH L., US
[72] HARNESS, ERIC, US
[71] ARC BIO, LLC, US
[85] 2018-08-21
[86] 2017-02-23 (PCT/US2017/019212)
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[30] US (62/298,937) 2016-02-23

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[51] **Int.Cl. E04C 5/02 (2006.01) C22C 38/00 (2006.01)**
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[54] **STUD WELDABLE REBAR**
[54] **BARRE D'ARMATURE SOUDABLE PAR GOUJON**
[72] HOUSTON, IAN, US
[72] CHAMPNEY, CLARK, US
[72] EDGAR, JON, US
[72] IRIMIES, CORNEL, US
[71] NELSON STUD WELDING, INC., US
[85] 2018-08-21
[86] 2017-02-28 (PCT/US2017/019905)
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[25] EN
[54] **COMPOSITE EXTRUSIONS WITH NON-ALIGNED FIBER ORIENTATION AND EXTRUSION METHODS THEREOF**
[54] **EXTRUSIONS DE COMPOSITES AVEC ORIENTATION DE FIBRES NON ALIGNEES ET LEURS PROCEDES D'EXTRUSION**
[72] PETERSON, TREVOR DEAN, US
[72] EHRLICHMANN, JESSICA KATHRYN, US
[72] GRONLUND, PATRICK JEROME, US
[71] ANDERSEN CORPORATION, US
[85] 2018-08-21
[86] 2017-02-23 (PCT/US2017/019085)
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[30] US (62/298,660) 2016-02-23
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[51] **Int.Cl. C12Q 1/68 (2018.01) G01N 1/30 (2006.01) G01N 1/36 (2006.01) G02B 21/00 (2006.01)**
[25] EN
[54] **METHODS FOR EXPANDING CLINICAL TISSUE SPECIMENS**
[54] **PROCEDES D'EXPANSION D'ECHANTILLONS DE TISSUS CLINIQUES**
[72] BOYDEN, EDWARD STUART, US
[72] BECK, ANDREW HANNO, US
[72] ZHAO, YONGXIN, US
[72] BUCUR, OCTAVIAN, US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[71] BETH ISRAEL DEACONESS MEDICAL CENTER, INC., US
[85] 2018-08-21
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[30] US (62/299,754) 2016-02-25

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[51] **Int.Cl. A61H 15/00 (2006.01) A63B 21/00 (2006.01)**
[25] EN
[54] **PORTABLE ROLLER DEVICE**
[54] **DISPOSITIF A ROULEAU PORTABLE**
[72] JORGENSON, SAMUEL C., US
[72] GIORDANO, DANIEL, US
[72] KYRIACOU, PHILIPPOS, US
[72] GEORG, ALEXANDER L., US
[71] THE MOOVMNT LLC, US
[85] 2018-08-21
[86] 2017-02-27 (PCT/US2017/019602)
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[51] **Int.Cl. G02B 27/00 (2006.01) G02B 27/02 (2006.01) H05K 7/06 (2006.01) H05K 7/20 (2006.01)**
[25] EN
[54] **COOLING SYSTEM FOR DOUBLE SIDED DISPLAY ASSEMBLY**
[54] **SYSTEME DE REFROIDISSEMENT D'UN ENSEMBLE DE DISPOSITIFS D'AFFICHAGE A DEUX COTES**
[72] DIAZ, MARCOS, US
[71] MANUFACTURING RESOURCES INTERNATIONAL, INC., US
[85] 2018-08-21
[86] 2017-03-06 (PCT/US2017/020884)
[87] (WO2017/152166)
[30] US (62/303,806) 2016-03-04

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[54] **RADIAL AND ULNAR COMPRESSION BAND**
[54] **BANDE DE COMPRESSION RADIALE ET CUBITALE**
[72] MORRISON, GREGORY, US
[72] MORRISON, MICHAEL, US
[72] LUBISICH, JOHN, US
[71] TZ MEDICAL, INC., US
[85] 2018-08-21
[86] 2017-03-06 (PCT/US2017/020992)
[87] (WO2017/165108)
[30] US (62/313,591) 2016-03-25
[30] US (15/255,017) 2016-09-01

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[25] EN
[54] **VENDING MACHINE HAVING A TRANSPARENT DISPLAY**
[54] **DISTRIBUTEUR AUTOMATIQUE DOTE D'UN AFFICHAGE TRANSPARENT**
[72] DIAZ, MARCOS, US
[71] MANUFACTURING RESOURCES INTERNATIONAL, INC., US
[85] 2018-08-21
[86] 2017-03-02 (PCT/US2017/020467)
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[30] US (62/302,228) 2016-03-02

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[51] **Int.Cl. B01L 3/00 (2006.01) B01L 7/00 (2006.01) C12M 1/34 (2006.01) C12Q 1/68 (2018.01) G01N 27/447 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PERFORMING BIOLOGICAL ASSAYS**
[54] **SYSTEMES ET PROCEDES POUR EFFECTUER DES TESTS BIOLOGIQUES**
[72] MITRA, DEBKISHORE, US
[72] MYERS, FRANK B., III, US
[72] WALDEISEN, JOHN ROBERT, US
[72] DIMOV, IVAN KRASTEV, US
[71] DIASSESS INC., US
[85] 2018-08-21
[86] 2017-03-14 (PCT/US2017/022300)
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[54] **COMPOSITIONS AND METHODS FOR CD20 IMMUNOTHERAPY**
[54] **COMPOSITIONS ET METHODES POUR IMMUNOTHERAPIE ANTI-CD20**
[72] PRESS, OLIVER, US
[72] TILL, BRIAN, US
[71] FRED HUTCHINSON CANCER RESEARCH CENTER, US
[85] 2018-08-21
[86] 2017-03-17 (PCT/US2017/023098)
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[30] US (62/310,541) 2016-03-18
[30] US (62/320,327) 2016-04-08

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[51] **Int.Cl. G06F 13/42 (2006.01) G06F 1/32 (2006.01)**
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[54] **LINK SPEED CONTROL SYSTEMS FOR POWER OPTIMIZATION**
[54] **SYSTEMES DE COMMANDE DE VITESSE DE LIAISON POUR UNE OPTIMISATION DE PUISSANCE**
[72] KLACAR, NEVEN, US
[72] KRISHNA, MURALI, US
[72] MAHESHWARI, SHAILESH, US
[72] RANJAN, SUYASH, US
[72] ROSENBERG, OFER, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-08-21
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[30] US (62/312,303) 2016-03-23
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[51] **Int.Cl. C07K 16/00 (2006.01) C07K 16/46 (2006.01) C12N 15/90 (2006.01)**
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[54] **COMPOSITIONS AND METHODS FOR MAKING ANTIBODIES BASED ON USE OF AN EXPRESSION-ENHANCING LOCUS**
[54] **COMPOSITIONS ET PROCEDES DE FABRICATION D'ANTICORPS BASES SUR L'UTILISATION D'UN LOCUS RENFORCANT L'EXPRESSION**
[72] BABB, ROBERT, US
[72] BURAKOV, DARYA, US
[72] CHEN, GANG, US
[72] FANDL, JAMES P., US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2018-08-21
[86] 2017-04-20 (PCT/US2017/028552)
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[30] US (62/325,385) 2016-04-20

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[51] **Int.Cl. A61N 1/36 (2006.01)**
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[54] **CARDIAC CONTRACTILITY NEUROSTIMULATION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE NEUROSTIMULATION DE CONTRACTILITE CARDIAQUE**
[72] WALDHAUSER, STEVEN L., US
[72] GOEDEKE, STEVEN D., US
[72] CHRISTIANSON, MARK R., US
[72] CHRISTOPHERSON, MARK A., US
[72] SERDAR, DAVID J., US
[72] CHRISTIAN, STEVEN C., US
[72] EUTENEUER, CHARLES L., US
[71] CARDIONOMIC, INC., US
[85] 2018-08-21
[86] 2017-03-07 (PCT/US2017/021214)
[87] (WO2017/156039)
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[30] US (62/343,302) 2016-05-31
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[25] EN
[54] **VALVE IMPLANT WITH INTEGRATED SENSOR AND TRANSMITTER**
[54] **IMPLANT DE VALVE DOTE D'UN CAPTEUR ET D'UN EMETTEUR INTEGRES**
[72] MARQUEZ, SALVADOR, US
[72] CHANG, DA-YU, US
[72] WOO, CINDY, US
[72] YANG, HAO-CHUNG, US
[72] DANG, LYNN T., US
[72] SANGUINETTI, JAVIER A., US
[72] SIEMONS, ALEXANDER H., US
[72] KEIDAR, YARON, US
[72] LIN, VIRGINIA QI, US
[72] CONKLIN, BRIAN S., US
[72] BOBO, DONALD E., JR., US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2018-08-21
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[30] US (62/305,347) 2016-03-08
[30] US (62/417,206) 2016-11-03
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[51] **Int.Cl. H04L 27/26 (2006.01) H04L 5/00 (2006.01)**
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[54] **COMMUNICATION OF BROADCAST REFERENCE SIGNAL**
[54] **COMMUNICATION D'UN SIGNAL DE REFERENCE DE RADIODIFFUSION**
[72] YANG, YANG, US
[72] JIANG, JING, US
[72] LUO, TAO, US
[72] LY, HUNG, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-08-21
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[30] US (62/312,332) 2016-03-23
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[51] **Int.Cl. G01N 33/50 (2006.01) G01N 33/564 (2006.01) G01N 33/96 (2006.01)**
[25] EN
[54] **PROCESS AND SYSTEM FOR PREDICTING RESPONDERS AND NON-RESPONDERS TO MESALAMINE TREATMENT OF ULCERATIVE COLITIS**
[54] **PROCEDE ET SYSTEME POUR PREDIRE DES REPONDEURS ET DES NON-REPONDEURS AU TRAITEMENT AVEC LA MESALAMINE POUR LE TRAITEMENT DE LA RECTO-COLITE HEMORRAGIQUE**
[72] YACYSHYN, BRUCE R., US
[72] YACYSHYN, MARY E., US
[71] YACYSHYN, BRUCE R., US
[71] YACYSHYN, MARY E., US
[85] 2018-08-21
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[54] **DEVICES AND METHODS FOR BIOLOGICAL ASSAY SAMPLE PREPARATION AND DELIVERY**
[54] **DISPOSITIFS ET PROCEDES DE PREPARATION ET D'ACHEMINEMENT D'ECHANTILLON D'ESSAI BIOLOGIQUE**
[72] MYERS, FRANK B., III, US
[72] HO, WEI HSUAN, US
[72] MITRA, DEBKISHORE, US
[72] WALDEISEN, JOHN ROBERT, US
[72] DIMOV, IVAN KRASTEV, US
[72] GRISWOLD, RYAN C., US
[72] RICHARDSON, BRUCE, US
[71] DIASSESS INC., US
[85] 2018-08-21
[86] 2017-03-14 (PCT/US2017/022304)
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[54] **DEVICES AND METHODS FOR MODIFYING OPTICAL PROPERTIES**
[54] **DISPOSITIFS ET PROCEDES DE MODIFICATION DE PROPRIETES OPTIQUES**
[72] MYERS, FRANK B., III, US
[72] MITRA, DEBKISHORE, US
[72] WALDEISEN, JOHN ROBERT, US
[72] DIMOV, IVAN KRASTEV, US
[71] DIASSESS INC., US
[85] 2018-08-21
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[25] EN
[54] **SELECTIVELY VENTED BIOLOGICAL ASSAY DEVICES AND ASSOCIATED METHODS**
[54] **DISPOSITIFS D'ANALYSE BIOLOGIQUE A VENTILATION SELECTIVE ET PROCEDES ASSOCIES**
[72] MITRA, DEBKISHORE, US
[72] MYERS, FRANK B. III, US
[72] WALDEISEN, JOHN ROBERT, US
[72] DIMOV, IVAN KRASTEV, US
[71] DIASSESS INC., US
[85] 2018-08-21
[86] 2017-03-14 (PCT/US2017/022306)
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[54] **RAZOR CARTRIDGE WITH FLUID MANAGEMENT SYSTEM**
[54] **CARTOUCHE DE RASOIR COMPRENANT UN SYSTEME DE GESTION DE FLUIDE**
[72] HAINES, RODERICK ANDREW, GB
[72] OLIVER, JAMES SIMON, GB
[72] PETERSON, MARK, GB
[72] SPOONER-FLEMING, JOIA KIRIN, US
[72] STEPHENS, ALISON FIONA, GB
[72] TANDY, JAMES, SG
[72] WARRICK, PAUL LESLIE, GB
[72] WILLIAMSON, FINBARR CHARLES RONALD, GB
[71] THE GILLETTE COMPANY LLC, US
[85] 2018-08-21
[86] 2017-03-20 (PCT/US2017/023143)
[87] (WO2017/172395)
[30] EP (16163187.4) 2016-03-31
[30] EP (17160791.4) 2017-03-14

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[25] EN
[54] **RAZOR CARTRIDGE WITH FLUID MANAGEMENT**
[54] **CARTOUCHE DE RASOIR PERMETTANT UNE GESTION DE FLUIDE**
[72] JOLLEY, WILLIAM OWEN, US
[72] PETERSON, MARK, GB
[72] SPOONER-FLEMING, JOIA KIRIN, US
[72] STEPHENS, ALISON FIONA, GB
[72] TANDY, JAMES, SG
[72] WARRICK, PAUL LESLIE, GB
[72] WASHINGTON, JACK ANTHONY, US
[71] THE GILLETTE COMPANY LLC, US
[85] 2018-08-21
[86] 2017-03-20 (PCT/US2017/023144)
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[30] EP (16163191.6) 2016-03-31
[30] EP (17160796.3) 2017-03-14

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[51] **Int.Cl. G06Q 20/34 (2012.01) G06Q 20/10 (2012.01) B42D 25/40 (2014.01) B29C 45/14 (2006.01) G06K 19/077 (2006.01) G07F 7/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING IC CHIP MODULES FOR PAYMENT OBJECTS**
[54] **SYSTEME ET PROCEDE POUR PRODUIRE DES MODULES DE PUCE DE CI POUR DES OBJETS DE PAIEMENT**
[72] MOSTELLER, BARRY, US
[71] CPI CARD GROUP - COLORADO, INC., US
[85] 2018-08-20
[86] 2017-02-23 (PCT/US2017/019175)
[87] (WO2017/147321)
[30] US (62/299,147) 2016-02-24

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[51] **Int.Cl. H04W 74/08 (2009.01)**
[25] EN
[54] **TECHNIQUES FOR ASSISTING PERFORMANCE OF LISTEN BEFORE TALK PROCEDURES AND UPLINK TRAFFIC MULTIPLEXING AT USER EQUIPMENT**
[54] **TECHNIQUES D'AIDE A LA REALISATION DE PROCEDURES "ECOUTER AVANT DE PARLER" ET AU MULTIPLEXAGE DE TRAFIC DE LIAISON MONTANTE SUR UN EQUIPEMENT UTILISATEUR**
[72] YERRAMALLI, SRINIVAS, US
[72] DAMNJANOVIC, ALEKSANDAR, US
[72] GAAL, PETER, US
[72] MONTOJO, JUAN, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-08-21
[86] 2017-03-24 (PCT/US2017/023943)
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[30] US (62/312,862) 2016-03-24
[30] US (15/467,379) 2017-03-23

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[25] EN
[54] APPLICATION OF DATA STRUCTURES TO GEO-FENCING APPLICATIONS
[54] APPLICATION DE STRUCTURES DE DONNEES A DES APPLICATIONS DE GEOREPERAGE
[72] ELDIC, FILIP, AU
[71] BLUEDOT INNOVATION PTY LTD, AU
[85] 2018-08-22
[86] 2017-03-16 (PCT/AU2017/000065)
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[30] AU (2016901291) 2015-04-07

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[25] EN
[54] CONTROL BOX AND OPERATOR INTERFACE FOR AN INDUSTRIAL VEHICLE
[54] BOITE DE COMMANDE ET INTERFACE OPERATEUR POUR VEHICULE INDUSTRIEL
[72] GILBRIDE, MATTHEW L., US
[72] PUSZKIEWICZ, IGNACY, US
[72] MOHLMAN, BRIAN K., US
[72] LOMBARDO, DAVID W., US
[71] JLG INDUSTRIES, INC., US
[85] 2018-08-21
[86] 2017-04-07 (PCT/US2017/026560)
[87] (WO2017/177113)
[30] US (62/319,608) 2016-04-07

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[51] Int.Cl. G01S 19/01 (2010.01) H04W 4/02 (2018.01)
[25] EN
[54] RELIABILITY DETERMINATION OF LOCATION UPDATES IN MULTIPATH ENVIRONMENTS
[54] DETERMINATION DE FIABILITE DE MISES A JOUR DE LOCALISATION DANS DES ENVIRONNEMENTS A TRAJETS MULTIPLES
[72] ELDIC, FILIP, AU
[71] BLUEDOT INNOVATION PTY LTD, AU
[85] 2018-08-22
[86] 2017-09-13 (PCT/AU2017/000196)
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[30] AU (2016903679) 2016-09-13

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[13] A1
[51] Int.Cl. C07K 16/00 (2006.01) C07K 16/46 (2006.01) C12N 15/90 (2006.01)
[25] EN
[54] COMPOSITIONS AND METHODS FOR MAKING ANTIBODIES BASED ON USE OF EXPRESSION-ENHANCING LOCI
[54] COMPOSITIONS ET PROCEDES DE PRODUCTION D'ANTICORPS BASES SUR L'UTILISATION DE LOCI D'AMELIORATION DE L'EXPRESSION
[72] BABB, ROBERT, US
[72] BURAKOV, DARYA, US
[72] CHEN, GANG, US
[72] FANDL, JAMES P., US
[72] ZHAO, YU, US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2018-08-21
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[30] US (62/325,400) 2016-04-20

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[25] EN
[54] LOW-HALOGEN FLAME RETARDANT POLYAMIDE COMPOSITIONS RESISTANT TO HEAT AGING
[54] COMPOSITIONS DE POLYAMIDE IGNIFUGES A FAIBLE TENEUR EN HALOGENE RESISTANTES AU VIEILLISSEMENT THERMIQUE
[72] OSBORN, SHAWN J., US
[72] CARTER, CHRISTOPHER M., US
[71] ASCEND PERFORMANCE MATERIALS OPERATIONS LLC, US
[85] 2018-08-21
[86] 2017-10-17 (PCT/US2017/056853)
[87] (WO2018/075431)
[30] US (62/409,699) 2016-10-18

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[25] EN
[54] MODULATION OF CANCER IMMUNITY WITH TYPE 2 INNATE LYMPHOID CELLS, INTERLEUKIN 33, AND/OR INTERFERON INDUCED PROTEIN 44
[54] MODULATION DE L'IMMUNITE ANTICANCEREUSE A L'AIDE DE CELLULES LYMPHOIDES INNEES DE TYPE 2, DE L'INTERLEUKINE 33 ET/OU DE LA PROTEINE 44 INDUITE PAR L'INTERFERON
[72] JEFFERIES, WILFRED, CA
[72] SARANCHOVA, IRYNA YURIYIVNA, CA
[71] JEFFERIES, WILFRED, CA
[85] 2018-08-22
[86] 2016-03-03 (PCT/CA2016/050227)
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[25] EN
[54] **FUEL CANISTER AND ADAPTER FOR INSECT REPELLENT DEVICE**
[54] **CARTOUCHE DE COMBUSTIBLE ET ADAPTATEUR POUR DISPOSITIF INSECTIFUGE**
[72] WANG, WENDER, US
[72] SHAPIRO, STEPHEN, US
[71] THERMACELL REPELLENTS, INC., US
[85] 2018-08-21
[86] 2017-02-22 (PCT/US2017/018931)
[87] (WO2017/147181)
[30] US (62/298,639) 2016-02-23

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[13] A1
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[25] EN
[54] **ELECTRONIC DOCUMENT PLATFORM**
[54] **PLATEFORME DE DOCUMENT ELECTRONIQUE**
[72] VINTILA, IUSTINA-MIRUNA, CA
[71] ROYAL BANK OF CANADA, CA
[85] 2018-08-22
[86] 2017-02-22 (PCT/CA2017/050221)
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[30] US (62/298,434) 2016-02-22

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[51] **Int.Cl. C12N 15/13 (2006.01) A61K 39/395 (2006.01) A61P 25/00 (2006.01) A61P 29/00 (2006.01) C07K 16/28 (2006.01) C07K 16/46 (2006.01) C12N 5/10 (2006.01)**
[25] EN
[54] **ANTI-CD11D ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-CD11D ET LEURS UTILISATIONS**
[72] DEKABAN, GREGORY, CA
[72] BROWN, ARTHUR, CA
[72] WEAVER, LYNNE, CA
[72] ALLAN, BARRETT, US
[72] KIKLY, KRISTINE, US
[71] WESTERN UNIVERSITY, CA
[71] ELI LILLY AND COMPANY, US
[85] 2018-08-22
[86] 2017-02-24 (PCT/CA2017/050240)
[87] (WO2017/143451)
[30] US (62/300,160) 2016-02-26

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[51] **Int.Cl. A61K 47/36 (2006.01) A61K 9/22 (2006.01) A61K 31/167 (2006.01) A61K 31/4709 (2006.01) A61K 47/02 (2006.01) A61K 47/18 (2017.01) A61K 47/38 (2006.01) A61P 31/04 (2006.01) C07C 233/25 (2006.01) C07D 215/56 (2006.01)**
[25] EN
[54] **DUAL-RATE RELEASE FORMULATION WITH HIGH DRUG LOADING**
[54] **COMPOSITION A DOUBLE VITESSE DE LIBERATION ET A FORTE CHARGE MEDICAMENTEUSE**
[72] LE, TIEN CANH, CA
[71] MATRIPHARM INTERNATIONAL INC., CA
[85] 2018-08-22
[86] 2017-02-23 (PCT/CA2017/050224)
[87] (WO2017/143438)
[30] US (62/298,751) 2016-02-23

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[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 90/00 (2016.01) A61B 8/00 (2006.01) A61B 8/12 (2006.01) A61B 34/10 (2016.01) A61B 18/20 (2006.01)**
[25] EN
[54] **IMAGING PROBE WITH ROTATABLE CORE**
[54] **SONDE D'IMAGERIE AVEC NOYAU ROTATIF**
[72] COURTNEY, BRIAN, CA
[72] SOONG, ALAN, CA
[72] JAFARI, DENIZ, CA
[71] SUNNYBROOK RESEARCH INSTITUTE, CA
[71] CONAVI MEDICAL INC., CA
[85] 2018-08-22
[86] 2017-02-27 (PCT/CA2017/050248)
[87] (WO2017/143457)
[30] US (62/300,583) 2016-02-26

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[51] **Int.Cl. C08B 11/12 (2006.01) A61K 9/00 (2006.01) A61K 9/22 (2006.01) A61K 47/02 (2006.01) A61K 47/18 (2017.01) A61K 47/36 (2006.01) C08B 37/00 (2006.01) C08B 37/04 (2006.01) C08B 37/06 (2006.01) C08J 3/075 (2006.01)**
[25] EN
[54] **MONOLITHIC COMPOSITION FOR DUAL-RATE RELEASE WITH HIGH DRUG LOADING**
[54] **COMPOSITION MONOLITHIQUE DESTINEE A UNE LIBERATION A DOUBLE DEBIT D'UNE CHARGE DE MEDICAMENT ELEVEE**
[72] LE, TIEN CANH, CA
[71] MATRIPHARM INTERNATIONAL INC., CA
[85] 2018-08-22
[86] 2017-02-23 (PCT/CA2017/050225)
[87] (WO2017/143439)
[30] US (62/298,755) 2016-02-23

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[51] **Int.Cl. C07D 413/14 (2006.01) A61K 31/496 (2006.01) A61K 31/506 (2006.01) A61K 31/5377 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) C07D 401/14 (2006.01) C07D 403/10 (2006.01) C07D 405/14 (2006.01)**
[25] EN
[54] **INHIBITORS OF WDR5 PROTEIN-PROTEIN BINDING**
[54] **INHIBITEURS DE LA LIAISON PROTEINE WDR5-PROTEINE**
[72] AL-AWAR, RIMA, CA
[72] ZEPEDA-VELAZQUEZ, CARLOS ARMANDO, CA
[72] PODA, GENNADY, CA
[72] ISAAC, METHVIN, CA
[72] UEHLING, DAVID, CA
[72] WILSON, BRIAN, CA
[72] JOSEPH, BABU, CA
[72] LIU, YONG, CA
[72] SUBRAMANIAN, PANDIARAJU, CA
[72] MAMAI, AHMED, CA
[72] PRAKESCH, MICHAEL, CA
[72] STILLE, JULIA KATHLEEN, CA
[71] PROPELLON THERAPEUTICS INC., CA
[85] 2018-08-22
[86] 2017-03-01 (PCT/CA2017/050269)
[87] (WO2017/147700)
[30] US (62/301,673) 2016-03-01

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[13] A1
[51] **Int.Cl. F42D 1/00 (2006.01)**
[25] EN
[54] **EXPANSION PIPE FOR BLASTING AND BLASTING METHOD THEREFOR**
[54] **TUYAU D'EXPANSION POUR DYNAMITAGE, ET PROCEDE DE DYNAMITAGE ASSOCIE**
[72] MA, WEIGUO, CN
[72] MA, MINGZE, CN
[72] ZHU, GUOYONG, CN
[72] SHANG, LI, CN
[72] JIA, BIN, CN
[71] NANJING CHUANGHUA SAFETY TECHNOLOGY CO., LTD., CN
[85] 2018-08-22
[86] 2016-09-22 (PCT/CN2016/099673)
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[30] CN (201510638618.5) 2015-09-30

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[51] **Int.Cl. E01C 19/52 (2006.01) E01C 3/00 (2006.01) E01C 5/00 (2006.01) E01C 19/48 (2006.01)**
[25] EN
[54] **APPARATUS FOR LAYING A PAVER**
[54] **APPAREIL POUR LA POSE D'UN PAVE**
[72] FRASER, GREGORY A., CA
[72] FRASER, GRAEME K., CA
[72] GUCKEL, CHRISTIAN, CA
[71] REDWOOD PLASTICS AND RUBBER CORP., CA
[85] 2018-08-21
[86] 2017-04-26 (PCT/CA2017/050512)
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[30] US (62/327,893) 2016-04-26

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[13] A1
[51] **Int.Cl. H01B 17/28 (2006.01) G01R 15/06 (2006.01) H01G 4/005 (2006.01) H01G 4/30 (2006.01) H01G 4/38 (2006.01)**
[25] EN
[54] **LARGE-CAPACITANCE INSULATING CORE, HIGH-VOLTAGE ELECTRICAL APPLIANCE AND MULTI-FUNCTIONAL HIGH-VOLTAGE BUSHING**
[54] **CORPS DE NOYAU ISOLANT DE GRANDE CAPACITE, APPAREIL ELECTRIQUE HAUTE TENSION ET TRAVERSEE HAUTE TENSION MULTIFONCTION**
[72] WANG, HUAN, CN
[71] BEIJING RUIHENG XINYUAN INVESTMENT CO., LTD, CN
[85] 2018-08-22
[86] 2016-10-21 (PCT/CN2016/102827)
[87] (WO2017/148159)
[30] CN (201610112498.X) 2016-02-29

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[51] **Int.Cl. C07D 213/81 (2006.01) A61K 31/4412 (2006.01) A61K 31/4427 (2006.01) A61K 31/4433 (2006.01) A61K 31/4439 (2006.01) A61K 31/444 (2006.01) A61K 31/497 (2006.01) A61K 31/50 (2006.01) A61K 31/5377 (2006.01) A61K 31/551 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) C07D 237/14 (2006.01) C07D 295/135 (2006.01) C07D 401/04 (2006.01) C07D 401/12 (2006.01) C07D 403/12 (2006.01) C07D 405/12 (2006.01) C07D 413/12 (2006.01)**
[25] EN
[54] **INHIBITORS OF WDR5 PROTEIN-PROTEIN BINDING**
[54] **INHIBITEURS DE LA LIAISON ENTRE LA PROTEINE WDR5 ET SES PARTENAIRES DE LIAISON**
[72] AL-AWAR, RIMA, CA
[72] ZEPEDA-VELAZQUEZ, CARLOS ARMANDO, CA
[72] PODA, GENNADY, CA
[72] ISAAC, METHVIN, CA
[72] UEHLING, DAVID, CA
[72] WILSON, BRIAN, CA
[72] JOSEPH, BABU, CA
[72] LIU, YONG, CA
[72] SUBRAMANIAN, PANDIARAJU, CA
[72] MAMAI, AHMED, CA
[71] PROPELLON THERAPEUTICS INC., CA
[85] 2018-08-22
[86] 2017-03-01 (PCT/CA2017/050271)
[87] (WO2017/147701)
[30] US (62/301,678) 2016-03-01

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[51] **Int.Cl. A61K 31/407 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **TITRATION OF CEBRANOPADOL**
[54] **TITRAGE DE CEBRANOPADOL**
[72] WANG, SHAONAN, DE
[72] PIANA, CHIARA, IT
[72] BURSI, ROBERTA, NL
[71] GRUNENTHAL GMBH, DE
[85] 2018-08-22
[86] 2017-02-28 (PCT/EP2017/025034)
[87] (WO2017/148595)
[30] EP (16157868.7) 2016-02-29
[30] EP (16020302.2) 2016-08-11

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[13] A1
[51] **Int.Cl. B60L 7/10 (2006.01) B60M 1/12 (2006.01)**
[25] EN
[54] **LOCOMOTIVE REGENERATIVE ELECTRIC ENERGY FEEDBACK SYSTEM WITH ICE MELTING FUNCTION AND CONTROL METHOD**
[54] **SYSTEME DE REINJECTION D'ENERGIE ELECTRIQUE REGENERATIF DE LOCOMOTIVE AVEC FONCTION DE FUSION DE GLACE ET PROCEDE DE COMMANDE ASSOCIE**
[72] YANG, HAO, CN
[72] WANG, YU, CN
[72] XIE, YEYUAN, CN
[72] LIU, HONGDE, CN
[72] LI, CHANGWEI, CN
[71] NR ELECTRIC CO., LTD, CN
[71] NR ENGINEERING CO., LTD, CN
[85] 2018-08-22
[86] 2017-03-01 (PCT/CN2017/075368)
[87] (WO2017/148397)
[30] CN (201610121099 .X) 2016-03-03

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[13] A1
[51] **Int.Cl. B65D 17/00 (2006.01)**
[25] EN
[54] **CAN LID, RECLOSABLE**
[54] **COUVERCLE REFERMABLE DE BOITE METALLIQUE**
[72] PIECH, GREGOR ANTON, AT
[71] PIECH, GREGOR ANTON, AT
[85] 2018-08-22
[86] 2017-02-07 (PCT/EP2017/052626)
[87] (WO2017/148659)
[30] DE (10 2016 103 801.6) 2016-03-03

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[13] A1
[51] **Int.Cl. E03F 5/14 (2006.01) B01D 29/00 (2006.01)**
[25] EN
[54] **SCREENING DEVICE**
[54] **DISPOSITIF DE TAMISAGE**
[72] ABT, SIMON, DE
[71] HUBER SE, DE
[85] 2018-08-22
[86] 2017-02-17 (PCT/EP2017/053609)
[87] (WO2017/144361)
[30] DE (10 2016 103 081.3) 2016-02-23

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[13] A1
[51] **Int.Cl. H04W 72/04 (2009.01) H04W 74/00 (2009.01) H04W 88/08 (2009.01)**
[25] EN
[54] **DATA TRANSMISSION METHOD AND APPARATUS**
[54] **PROCEDE ET DISPOSITIF DE TRANSMISSION DE DONNEES**
[72] GAN, MING, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2018-08-22
[86] 2017-05-15 (PCT/CN2017/084378)
[87] (WO2017/215386)
[30] CN (201610416585.4) 2016-06-14

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01) A61K 31/7048 (2006.01) A61K 45/06 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **METHOD FOR THE DIAGNOSIS OF ETOPOSIDE PRODRUG TREATABLE CANCER**
[54] **PROCEDE DE DIAGNOSTIC D'UN CANCER POUVANT ETRE TRAITE PAR UN PROMEDICAMENT ETOPOSIDE**
[72] UTKU, NALAN, DE
[71] CELLACT PHARMA GMBH, DE
[85] 2018-08-22
[86] 2017-02-24 (PCT/EP2017/054297)
[87] (WO2017/144648)
[30] EP (16157179.9) 2016-02-24

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[13] A1
[51] **Int.Cl. A22C 17/00 (2006.01) B65B 5/00 (2006.01) B65B 5/04 (2006.01)**
[25] EN
[54] **AN APPARATUS FOR INSERTING FOOD PRODUCTS INTO TRAYS**
[54] **APPAREIL POUR INSERER DES PRODUITS ALIMENTAIRES DANS DES PLATEAUX**
[72] VAN DER STEEN, FRANCISCUS THEODORUS HENRICUS JOHANNES, NL
[72] WILLEMS, SJAAK, DE
[72] VAN HAPPEN, FRANK, NL
[71] MAREL MEAT PROCESSING B.V., NL
[85] 2018-08-22
[86] 2017-02-28 (PCT/EP2017/054589)
[87] (WO2017/148910)
[30] EP (16158060.0) 2016-03-01

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[13] A1
[51] **Int.Cl. A61K 51/04 (2006.01) C07D 498/06 (2006.01)**
[25] EN
[54] **RADIOLABELED MACROCYCLIC EGFR INHIBITOR**
[54] **INHIBITEUR D'EGFR MACROCYCLIQUE RADIOMARQUE**
[72] HOFLACK, JAN MARIE CYRIEL JOZEF, BE
[72] BERTHET, CYRIL, FR
[72] BLOM, PETRA MARCELLA FRANCOISE, BE
[72] VERCOUILLIE, JOHNNY, FR
[72] ROBIC, CAROLINE, FR
[72] CATOEN, SARAH, FR
[71] ONCODESIGN SA, FR
[85] 2018-08-22
[86] 2017-02-28 (PCT/EP2017/054611)
[87] (WO2017/148925)
[30] EP (16157885.1) 2016-02-29

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[13] A1
[51] **Int.Cl. A61B 1/00 (2006.01) A61B 1/31 (2006.01)**
[25] EN
[54] **ENDOSCOPIC SYSTEMS, DEVICES, AND METHODS**
[54] **SYSTEMES ENDOSCOPIQUES, DISPOSITIFS ET PROCEDES ASSOCIES**
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[72] CHU, STEVEN, US
[72] LAM, WING FAI, CN
[71] BIO-MEDICAL ENGINEERING (HK) LIMITED, CN
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[54] **AMBRISENTAN POUR SON UTILISATION DANS LE TRAITEMENT DE L'INSUFFISANCE RENALE AIGUE**
[72] NAVARRO, IKER, CH
[72] KHANNA, SATISH, CH
[71] NOORIK BIOPHARMACEUTICALS AG, CH
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[54] **DISPOSITIF A INDUCTION ELECTROMAGNETIQUE ET SON PROCEDE DE FABRICATION**
[72] HU, XIAOPING, CN
[71] BOLYMEDIA HOLDINGS CO. LTD., US
[85] 2018-08-22
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[54] **COMPOSITIONS ET LEUR UTILISATION**
[72] SCHNEIDER, NORA, CH
[72] HAUSER, JONAS, CH
[72] SILVA ZOLEZZI, IRMA, CH
[72] SAMUEL, TINU MARY, CH
[72] DEONI, SEAN, US
[72] BARTFAI, TAMAS, SE
[71] NESTEC S.A., CH
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[54] **METHOD FOR DETECTING IMMINENT CHILDBIRTH**
[54] **PROCEDE DE DETECTION D'ACCOUCHEMENT IMMINENT**
[72] PAPER, THIERRY, FR
[72] BLIN, CAPUCINE, FR
[71] BIOSYNEX, FR
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[54] **SYSTEME D'EXPRESSION POUR DES ORGANISMES EUCARYOTES**
[72] MOJZITA, DOMINIK, FI
[72] RANTASALO, ANSSI, FI
[72] JANTTI, JUSSI, FI
[72] LANDOWSKI, CHRISTOPHER, FI
[72] KUIVANEN, JOOSU, FI
[71] TEKNOLOGIAN TUTKIMUSKESKUS VTT OY, FI
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[54] **TOLE D'ACIER INOXYDABLE FERRITIQUE COMPRENANT DU TITANE, PROCEDE DE FABRICATION ET BRIDE**
[72] MITSUNAGA, SEIJI, JP
[72] EBIHAMA, NOBUHISA, JP
[72] EHARA, YASUHIRO, JP
[72] IMAKAWA, KAZUNARI, JP
[71] NISSHIN STEEL CO., LTD., JP
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[54] **SIDE PANEL FOR A VEHICLE**
[54] **PANNEAU LATERAL DESTINE A UN VEHICULE**
[72] LEMIEUX, RENE, CA
[71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
[85] 2018-08-22
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[54] **SYSTEM, APPARATUS AND METHOD**
[54] **SYSTEME, APPAREIL ET PROCEDE**
[72] LORD, CHRISTOPHER, GB
[72] SCOTT, KENNETH, GB
[72] SUDLOW, TOM, GB
[72] JONES, DAVID, GB
[72] MCDONALD, STEPHEN, GB
[71] NERUDIA LTD, GB
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[54] **POLYMERIC SPIRITS CONTAINER**
[54] **CONTENANT POUR SPIRITUEUX EN POLYMERE**
[72] GRAYBILL, MYLES, US
[72] JARMAN, JONATHAN P., US
[71] AMCOR GROUP GMBH, CH
[85] 2018-08-22
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[25] EN
[54] **SYSTEMS AND METHODS FOR COMPUTING DATA PRIVACY-UTILITY TRADEOFF**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE CALCULER UN COMPROMIS DE CONFIDENTIALITE ET D'UTILITE DE DONNEES**
[72] THOMAS, DILYS, IN
[72] LODHA, SACHIN PREMSUKH, IN
[72] BANAHATTI, VIJAYANAND MAHADEO, IN
[72] PADMANABHAN, KISHORE, IN
[72] MASHIWAL, KALYANI, IN
[71] TATA CONSULTANCY SERVICES LIMITED, IN
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[54] **SYSTEME ORIENTABLE ROTATIF DE POUSSEE DE TREPAN**
[72] HUTTON, RICHARD, GB
[71] D-TECH UK LTD, GB
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[54] **MICROBIOCIDAL QUINOLINE (THIO)CARBOXAMIDE DERIVATIVES**
[54] **DERIVES MICROBIOCIDES DE QUINOLEINE (THIO)CARBOXAMIDE**
[72] WEISS, MATTHIAS, CH
[72] BOU HAMDAN, FARHAN, CH
[72] QUARANTA, LAURA, CH
[71] SYNGENTA PARTICIPATIONS AG, CH
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[54] **METHOD AND SYSTEM FOR CONTRACT MANAGEMENT IN A DATA MARKETPLACE**
[54] **PROCEDE ET SYSTEME DE GESTION DE CONTRAT DANS UN MARCHE DE DONNEES**
[72] VIDHANI, KUMAR MANSUKHLAL, IN
[72] NATARAJAN, VIJAYARANGAN, IN
[72] LODHA, SACHIN PREMSUKH, IN
[72] PADMANABHAN, KISHORE, IN
[71] TATA CONSULTANCY SERVICES LIMITED, IN
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[54] **TAURINE AND ALOE SYNERGISTIC ANTI-IRRITANT COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS ANTI-IRRITANTES SYNERGIQUES DE TAURINE ET D'ALOES ET METHODES ASSOCIEES**
[72] PAN, LONG, US
[72] SEO, JUNG, US
[72] NABI, ZEENAT, US
[72] CHENG, SHUJIANG, US
[72] SOLIMAN, NADIA, US
[72] DU-THUMM, LAURENCE, US
[72] SCALA, DIANA, US
[72] HOLERCA, NICK, US
[72] ROBBINS, KYLE, US
[72] PATEL, RAHUL, US
[71] COLGATE-PALMOLIVE COMPANY, US
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[54] **POLYOXALATE COPOLYMER AND METHOD OF PRODUCING THE SAME**
[54] **COPOLYMERE DE POLYOXALATE ET SON PROCEDE DE PRODUCTION**
[72] KATAYAMA, TSUTAKI, JP
[72] YOSHIKAWA, SEISHI, JP
[71] TOYO SEIKAN GROUP HOLDINGS, LTD., JP
[85] 2018-08-22
[86] 2017-01-11 (PCT/JP2017/000576)
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[54] **SYSTEM AND METHOD FOR COMPLAINT AND REPUTATION MANAGEMENT IN A MULTI-PARTY DATA MARKETPLACE**
[54] **SYSTEME ET PROCEDE DE GESTION DE PLAINTES ET DE REPUTATION SUR UNE PLACE DE MARCHE DE DONNEES A PLUSIEURS ABONNES**
[72] SHUKLA, MANISH, IN
[72] LODHA, SACHIN PREMSUKH, IN
[72] PADMANABHAN, KISHORE, IN
[71] TATA CONSULTANCY SERVICES LIMITED, IN
[85] 2018-08-22
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[54] **PRODUIT ALIMENTAIRE DEPOURVU D'AU MOINS DEUX ACIDES AMINES NON ESSENTIELS**
[72] MADDOCKS, OLIVER, GB
[72] VOUSDEN, KAREN, GB
[71] CANCER RESEARCH TECHNOLOGY LIMITED, GB
[85] 2018-08-22
[86] 2017-02-22 (PCT/GB2017/050458)
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[54] **UTILISATION DE TETRAZOLINONES POUR LUTTER CONTRE DES CHAMPIGNONS PHYTOPATHOGENES RESISTANTS SUR DES FRUITS**
[72] MONTAG, JURITH, DE
[72] GEWEHR, MARKUS, DE
[71] BASF SE, DE
[85] 2018-08-22
[86] 2017-03-14 (PCT/EP2017/055962)
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[54] **COMPOSITIONS OF BIOACTIVE FULVATE FRACTIONS AND USES THEREOF**
[54] **COMPOSITIONS DE FRACTIONS DE FULVATE BIOACTIVES ET LEURS UTILISATIONS**
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[72] TAGHIZADEH, FARHAN, US
[72] BLACK, GARY W., SR., US
[71] OMNI BIOCEUTICAL INNOVATIONS, INC., US
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[54] **PHARMACEUTICAL PREPARATION CONTAINING CAMPTOTHECIN-BASED POLYMERIC DERIVATIVE**
[54] **PREPARATION PHARMACEUTIQUE CONTENANT UN DERIVE POLYMERE A BASE DE CAMPTOTHECINE**
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[72] FUJITA, SHINYA, JP
[71] NIPPON KAYAKU KABUSHIKI KAISHA, JP
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[54] **CAPSULE DE PRODUCTION DE BOISSONS**
[72] VALSECCHI, MASSIMILIANO, IT
[72] FARAVELLI, MASSIMO, IT
[71] GRUPPO GIMOKA S.R.L., IT
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[54] **SYSTEME ET PROCEDE**
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[72] HOGG, SUSAN, GB
[72] THOMAS, DAVID ALEXANDER, GB
[71] REJUVETECH LTD, GB
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[54] **MACHINE A EMBALLER AMELIOREE**
[72] TORO, ANDREA, IT
[71] SYSTEM S.P.A., IT
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[54] **ARTICLE A FUMER COMPRENANT DE L'AEROGEL**
[72] NORDSKOG, BRIAN KEITH, US
[71] R. J. REYNOLDS TOBACCO COMPANY, US
[85] 2018-08-22
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[54] **CRYSTAL OF COMPOUND HAVING JAK-INHIBITING ACTIVITY**
[54] **CRISTAL DE COMPOSE PRESENTANT UNE ACTIVITE D'INHIBITION DE JAK**
[72] HIGUCHI, FUMI, JP
[71] NIPPON SHINYAKU CO., LTD., JP
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[54] **DISPOSITIF ET SYSTEME D'ARRET EN DOUCEUR**
[72] TOMLINSON, WILLIAM HOLLAND, US
[71] ASSA ABLOY ACCESSORIES AND DOOR CONTROLS GROUP, INC., US
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[54] **COMPOSITION FOR TOPICAL USE BASED ON A CARNOSINE-MAGNESIUM COMPLEX**
[54] **COMPOSITION A USAGE TOPIQUE A BASE D'UN COMPLEXE CARNOSINE-MAGNESIUM**
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[72] SHARPE, TIM, US
[72] FERRARI, MASSIMO, IT
[71] OUTPLAY INC., CA
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[54] **CRYOGENIC LIQUID TANK**
[54] **RESERVOIR DE LIQUIDE CRYOGENIQUE**
[72] TSUJI, CHIKAHIDE, JP
[71] IHI CORPORATION, JP
[85] 2018-08-22
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[54] **RECIPIENT EMPILABLE AVEC BEC VERSEUR**
[72] PEDMO, MARC, US
[72] SAINATO, MIKE, US
[72] FISCHER, ANDREW, US
[72] GREIG, DAVID, US
[72] KINKOPH, MATT, US
[72] YERKEY, KEVIN, US
[71] PLASTIPAK PACKAGING, INC., US
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[54] **VOITURE AERONAUTIQUE ET ELEMENTS ASSOCIES**
[72] GOELET, JOHN, US
[71] JG ENTREPRENEURIAL ENTERPRISES LLC, US
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[54] **TRUNCATED SQUARE PYRAMID GEOMETRY AND FRAME PACKING STRUCTURE FOR REPRESENTING VIRTUAL REALITY VIDEO CONTENT**
[54] **GEOMETRIE DE PYRAMIDE CARREE TRONQUEE ET STRUCTURE DE COMPACTION DE TRAME POUR REPRESENTER UN CONTENU VIDEO DE REALITE VIRTUELLE**
[72] VAN DER AUWERA, GEERT, US
[72] COBAN, MUHAMMED, US
[72] KARCZEWICZ, MARTA, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-08-22
[86] 2017-01-30 (PCT/US2017/015674)
[87] (WO2017/164986)
[30] US (62/312,443) 2016-03-23
[30] US (62/341,598) 2016-05-25
[30] US (15/253,447) 2016-08-31

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[25] EN
[54] **DEVICES AND METHODS FOR RAPID PCR**
[54] **DISPOSITIFS ET METHODES DE PCR RAPIDE**
[72] RIRIE, KIRK MAX, US
[72] JONES, DAVID E., US
[72] PASKO, CHRISTOPHER PAUL, US
[72] CHAMBERLAIN, ANSON COLE, US
[72] DAVID, DEREK, US
[72] WERNEREHL, AARON, US
[72] BRUNS, JONATHAN ALLEN, US
[71] BIOFIRE DEFENSE, LLC, US
[85] 2018-08-22
[86] 2017-02-21 (PCT/US2017/018748)
[87] (WO2017/147085)
[30] US (62/298,311) 2016-02-22
[30] US (62/330,701) 2016-05-02
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[51] **Int.Cl. E06B 3/22 (2006.01)**
[25] EN
[54] **PROCESS FOR THE REALIZATION OF DOOR AND WINDOW FRAMES MADE OF PLASTIC MATERIAL**
[54] **PROCEDE DESTINE A LA REALISATION DE CADRES DE PORTE ET DE FENETRE EN MATIERE PLASTIQUE**
[72] VACCARI, ANDREA, IT
[72] VERRINI, GILBERTO, IT
[71] GRAF SYNERGY S.R.L., IT
[85] 2018-08-22
[86] 2017-02-28 (PCT/IB2017/051176)
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[30] IT (UB2016A001255) 2016-03-02

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|25| EN
|54| **OFFSET SEAM FOR INSULATING GLASS UNIT SPACER AND METHOD OF USING AND MANUFACTURING THE SAME**
|54| **JOINT DECALE DESTINE A L'ISOLATION D'UNE ENTRETOISE DE VITRAGE ISOLANT ET PROCEDE D'UTILISATION ET DE FABRICATION DE CE DERNIER**
|72| OQUENDO, SAMMY H., US
|71| ANDERSEN CORPORATION, US
|85| 2018-08-20
|86| 2016-03-02 (PCT/US2016/020437)
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|51| **Int.Cl. G02B 7/02 (2006.01)**
|25| EN
|54| **LENS MOUNT ASSEMBLY**
|54| **ENSEMBLE MONTURE D'OBJECTIF**
|72| PO, LI CHIAO, US
|72| MCVEY, RAY, US
|71| RAYTHEON COMPANY, US
|85| 2018-08-22
|86| 2017-02-02 (PCT/US2017/016116)
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|25| EN
|54| **METAL CARBIDE/NITRIDE PRECIPITATION CONTROL IN FUSION WELDING**
|54| **COMMANDE DE PRECIPITATION DE CARBURE/NITRURE METALLIQUE DANS UN SOUDAGE PAR FUSION**
|72| ARGENTINE, FRANK A., US
|71| BWXT NUCLEAR OPERATIONS GROUP, INC., US
|85| 2018-08-22
|86| 2017-02-22 (PCT/US2017/018776)
|87| (WO2017/147096)
|30| US (62/298,358) 2016-02-22
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|25| EN
|54| **SHARING VIDEO FOOTAGE FROM AUDIO/VIDEO RECORDING AND COMMUNICATION DEVICES**
|54| **PARTAGE DE SEQUENCE VIDEO PROVENANT DE DISPOSITIFS D'ENREGISTREMENT ET DE COMMUNICATION AUDIO/VIDEO**
|72| SIMINOFF, JAMES, US
|72| CZIMENT, AUGUST, US
|72| HARPOLE, AARON, US
|72| LEMBERGER, ELLIOTT, US
|72| MODESTINE, JOHN, US
|72| SOMMERLATT, DARRELL, US
|71| AMAZON TECHNOLOGIES, INC., US
|85| 2018-08-22
|86| 2017-02-13 (PCT/US2017/017714)
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|30| US (62/300,547) 2016-02-26
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|25| EN
|54| **MEDICAL DEVICE WITH HYDROPHILIC COATING**
|54| **DISPOSITIF MEDICAL A REVETEMENT HYDROPHILE**
|72| MONTES DE OCA, HORACIO, IE
|72| SELLERS, BRENT H., US
|71| HOLLISTER INCORPORATED, US
|85| 2018-08-22
|86| 2017-02-16 (PCT/US2017/018073)
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|30| US (62/298,728) 2016-02-23

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|51| **Int.Cl. C07D 401/14 (2006.01) A61K 31/4184 (2006.01) A61P 35/00 (2006.01) C07D 417/14 (2006.01) C07D 471/04 (2006.01)**
|25| EN
|54| **HETEROARYL INHIBITORS OF PAD4**
|54| **INHIBITEURS HETEROARYLES DE PAD4**
|72| DEVRAJ, RAJESH, US
|72| KUMARAVEL, GNANASAMBANDAM, US
|72| ATTON, HOLLY, GB
|72| BEAUMONT, EDWARD, GB
|72| GADOULEAU, ELISE, GB
|72| GLEAVE, LAURA, GB
|72| KERRY, PHILIP STEPHEN, GB
|72| LECCI, CRISTINA, GB
|72| MENICONI, MIRCO, GB
|72| MONCK, NAT, GB
|72| PALFREY, JORDAN, GB
|72| PAPADOPOULOS, KOSTAS, GB
|72| TYE, HEATHER, GB
|72| WOODS, PHILIP A., GB
|71| PADLOCK THERAPEUTICS, INC., US
|85| 2018-08-22
|86| 2017-02-22 (PCT/US2017/018790)
|87| (WO2017/147102)
|30| US (62/298,726) 2016-02-23

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|25| EN
|54| **PIPERIDINE DERIVATIVE AND METHODS OF USE THEREOF**
|54| **DERIVE PIPERIDINE ET SES METHODES D'UTILISATION**
|72| MJALLI, ADNAN M.M., US
|72| HARI, ANITHA, US
|72| GADDAM, BAPU, US
|72| CHRISTEN, DANIEL P., US
|72| POLISETTI, DHARMA RAO, US
|72| BANNER, WILLIAM KENNETH, US
|72| GOWDA, RAJU BORE, US
|72| ANDREWS, ROBERT CARL, US
|72| GUPTA, SUPARNA, US
|71| VTV THERAPEUTICS LLC, US
|85| 2018-08-22
|86| 2017-02-23 (PCT/US2017/019050)
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[25] EN
[54] **NOVEL CONDENSED PYRIMIDINE COMPOUND OR SALT THEREOF**
[54] **NOUVEAU COMPOSE PYRIMIDINE CONDENSE OU SEL DE CELUI-CI**
[72] MIYAZAKI, ISAO, JP
[72] SHIMAMURA, TADASHI, JP
[72] KATO, MASANORI, JP
[72] FUJITA, HIDENORI, JP
[72] IGUCHI, SATORU, JP
[71] TAIHO PHARMACEUTICAL CO., LTD., JP
[85] 2018-08-22
[86] 2017-02-22 (PCT/JP2017/006672)
[87] (WO2017/146116)
[30] JP (2016-031919) 2016-02-23
[30] JP (2016-140801) 2016-07-15

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[13] A1
[51] **Int.Cl. B05B 7/24 (2006.01) B05B 15/00 (2018.01)**
[25] EN
[54] **SYSTEM AND METHOD HAVING FILTER DISPOSED IN FLUID SUPPLY CUP**
[54] **SYSTEME ET PROCEDE AYANT UN FILTRE PLACE DANS UN RECIPIENT D'APPROVISIONNEMENT EN FLUIDE**
[72] BIERIE, WILLIAM K., US
[72] BURNS, MARVIN D., US
[71] CARLISLE FLUID TECHNOLOGIES, INC., US
[85] 2018-08-22
[86] 2017-02-16 (PCT/US2017/018223)
[87] (WO2017/146993)
[30] US (62/298,928) 2016-02-23
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[51] **Int.Cl. H04L 29/06 (2006.01) H04L 12/28 (2006.01) H04L 29/12 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONTENT SERVER RENDEZVOUS IN A DUAL STACK PROTOCOL NETWORK**
[54] **SYSTEMES ET PROCEDES DE RENDEZ-VOUS DE SERVEUR DE CONTENU DANS UN RESEAU A PROTOCOLE DOUBLE PILE**
[72] MASLAK, JOELLE T., US
[71] LEVEL 3 COMMUNICATIONS, LLC, US
[85] 2018-08-22
[86] 2017-02-23 (PCT/US2017/019056)
[87] (WO2017/147250)
[30] US (62/298,577) 2016-02-23

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[51] **Int.Cl. A01N 25/04 (2006.01) A01M 7/00 (2006.01) A01N 31/02 (2006.01) A01N 47/00 (2006.01)**
[25] EN
[54] **DRIFT CONTROL FORMULATIONS FOR USE WITH AIR INDUCTION NOZZLES**
[54] **FORMULATIONS DE REGULATION DE DERIVE A UTILISER AVEC DES BUSES A INDUCTION D'AIR**
[72] GOYAL, RAJESH, IN
[72] RYAN, NEAL, US
[72] LIU, HONG, US
[72] SHANMUGA, KRISH, US
[72] KISENWETHER, MICHAEL J., US
[72] BALASTRE, MARC, SG
[71] RHODIA OPERATIONS, FR
[85] 2018-08-22
[86] 2017-02-22 (PCT/US2017/018825)
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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/16 (2006.01) A61K 31/485 (2006.01) A61K 47/34 (2017.01) A61P 25/04 (2006.01) A61P 25/36 (2006.01)**
[25] EN
[54] **SUSTAINED RELEASE BUPRENORPHINE MICROSPHERES (SRBM) AND METHODS OF USE THEREOF**
[54] **MICROSPHERES DE BUPRENORPHINE A LIBERATION PROLONGEE (SRBM) ET LEURS METHODES D'UTILISATION**
[72] VASISHT, NIRAJ, US
[72] FINN, ANDREW, US
[71] BIODELIVERY SCIENCES INTERNATIONAL, INC., US
[85] 2018-08-22
[86] 2017-02-23 (PCT/US2017/019110)
[87] (WO2017/147285)
[30] US (62/298,777) 2016-02-23

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[51] **Int.Cl. A61K 39/00 (2006.01) A61P 35/00 (2006.01) A61P 37/02 (2006.01) C07K 14/47 (2006.01) C12N 15/12 (2006.01)**
[25] EN
[54] **NEOANTIGEN COMPOSITIONS AND METHODS OF USING THE SAME IN IMMUNOONCOTHERAPY**
[54] **COMPOSITIONS DE NEOANTIGENE ET LEURS METHODES D'UTILISATION EN IMMUNO-ONCOTHERAPIE**
[72] ETHELL, DOUGLAS WAYNE, US
[71] OCEANSIDE BIOTECHNOLOGY, US
[85] 2018-08-22
[86] 2017-02-22 (PCT/US2017/018855)
[87] (WO2017/147139)
[30] US (62/298,275) 2016-02-22

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|51| **Int.Cl. H04R 3/00 (2006.01) G11B 27/00 (2006.01) H04R 3/12 (2006.01)**
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|54| **AUDIO RESPONSE PLAYBACK**
|54| **LECTURE DE REPONSE AUDIO**
|72| LANG, JONATHAN P., US
|72| PLAGGE, MARK, US
|72| JARVIS, SIMON, US
|72| BUTTS, CHRISTOPHER, US
|72| KADRI, ROMI, US
|72| BATES, PAUL ANDREW, US
|72| VEGA-ZAYAS, LUIS, US
|71| SONOS, INC., US
|85| 2018-08-22
|86| 2017-02-21 (PCT/US2017/018728)
|87| (WO2017/147075)
|30| US (62/298,418) 2016-02-22
|30| US (62/298,425) 2016-02-22
|30| US (62/298,350) 2016-02-22
|30| US (62/298,388) 2016-02-22
|30| US (62/298,410) 2016-02-22
|30| US (62/298,433) 2016-02-22
|30| US (62/298,439) 2016-02-22
|30| US (62/298,393) 2016-02-22
|30| US (62/312,350) 2016-03-23
|30| US (15/098,892) 2016-04-14
|30| US (15/098,867) 2016-04-14
|30| US (15/098,760) 2016-04-14
|30| US (15/131,254) 2016-04-18
|30| US (15/131,244) 2016-04-18
|30| US (15/237,133) 2016-08-15

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|51| **Int.Cl. G06Q 30/06 (2012.01) G06Q 30/02 (2012.01) G06K 9/62 (2006.01)**
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|54| **SYSTEMS AND METHODS FOR PROVIDING CUSTOMIZED PRODUCT RECOMMENDATIONS**
|54| **SYSTEMES ET PROCEDES POUR FOURNIR DES RECOMMANDATIONS PERSONNALISEES POUR DES PRODUITS**
|72| SHERMAN, FAIZ FEISAL, US
|72| WEITZ, SHANNON CHRISTINE, US
|72| XU, JUN, US
|71| THE PROCTER & GAMBLE COMPANY, US
|85| 2018-08-17
|86| 2017-03-21 (PCT/US2017/023334)
|87| (WO2017/165363)
|30| US (62/311,036) 2016-03-21

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|51| **Int.Cl. A44C 27/00 (2006.01) A44C 17/00 (2006.01) A44C 17/04 (2006.01)**
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|54| **FUSED METEORITE**
|54| **METEORITE FONDUE**
|72| RIGON, MATTEO, US
|72| YURMAN, DAVID, US
|71| DAVID YURMAN IP LLC, US
|85| 2018-08-22
|86| 2017-02-22 (PCT/US2017/018877)
|87| (WO2017/147152)
|30| US (62/299,262) 2016-02-24

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|51| **Int.Cl. C07H 5/06 (2006.01) C07H 5/08 (2006.01) C07H 13/04 (2006.01)**
|25| EN
|54| **NOVEL COMPOSITIONS AND THERAPEUTIC METHODS**
|54| **NOUVELLES COMPOSITIONS ET METHODES THERAPEUTIQUES**
|72| ACHARYA, SUCHISMITA, US
|72| PANDA, SANTOSH K., US
|72| DAS, PRAGNYA, US
|72| AGARWAL, BEAMON, US
|71| AYUVIS RESEARCH, INC., US
|85| 2018-08-17
|86| 2017-03-30 (PCT/US2017/024908)
|87| (WO2017/173024)
|30| US (62/315,144) 2016-03-30

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|13| A1
|51| **Int.Cl. F16J 15/34 (2006.01) F16J 15/16 (2006.01) G01M 13/00 (2006.01)**
|25| EN
|54| **SYSTEMS AND METHODS FOR PREDICTIVE DIAGNOSTICS FOR MECHANICAL SYSTEMS**
|54| **SYSTEMES ET PROCEDES DE DIAGNOSTICS PREDICTIFS DESTINE AUX SYSTEMES MECANIQUES**
|72| MECK, KLAUS-DIETER, GB
|72| PARMAR, AMRAT, GB
|72| UNSWORTH, DAVID, GB
|71| JOHN CRANE UK LTD., GB
|85| 2018-08-22
|86| 2017-02-23 (PCT/US2017/019139)
|87| (WO2017/147297)
|30| US (62/298,839) 2016-02-23
|30| US (62/298,851) 2016-02-23
|30| US (62/298,848) 2016-02-23
|30| US (62/298,814) 2016-02-23
|30| US (62/302,451) 2016-03-02
|30| US (62/302,458) 2016-03-02

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|51| **Int.Cl. H04R 3/00 (2006.01) G11B 27/00 (2006.01) H04R 3/12 (2006.01)**
|25| EN
|54| **VOICE CONTROL OF A MEDIA PLAYBACK SYSTEM**
|54| **COMMANDE VOCALE D'UN SYSTEME DE LECTURE MULTIMEDIA**
|72| JARVIS, SIMON, US
|72| MILLINGTON, NICHOLAS A.J., US
|72| CORBIN, KEITH, US
|72| PLAGGE, MARK, US
|72| KADRI, ROMI, US
|72| BUTTS, CHRISTOPHER, US
|72| CHEN, YEAN-NIAN WILLY, US
|71| SONOS, INC., US
|85| 2018-08-22
|86| 2017-02-21 (PCT/US2017/018739)
|87| (WO2017/147081)
|30| US (62/298,418) 2016-02-22
|30| US (62/298,425) 2016-02-22
|30| US (62/298,350) 2016-02-22
|30| US (62/298,388) 2016-02-22
|30| US (62/298,410) 2016-02-22
|30| US (62/298,433) 2016-02-22
|30| US (62/298,439) 2016-02-22
|30| US (62/298,393) 2016-02-22
|30| US (62/312,350) 2016-03-23
|30| US (15/098,718) 2016-04-14
|30| US (15/098,805) 2016-04-14
|30| US (15/131,776) 2016-04-18
|30| US (15/223,218) 2016-07-29

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|25| EN
|54| **ETHER AMINES FOR ENHANCED SPORICIDAL PERFORMANCE**
|54| **ETHER AMINES POUR UNE MEILLEURE PERFORMANCE SPORICIDE**
|72| FAST, JONATHAN, US
|72| HEI, ROBERT D.P., US
|72| HERDT, BRANDON L., US
|71| ECOLAB USA INC., US
|85| 2018-08-22
|86| 2017-02-23 (PCT/US2017/019146)
|87| (WO2017/147304)
|30| US (62/299,616) 2016-02-25

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[13] A1
[51] **Int.Cl. G06F 15/16 (2006.01)**
[25] EN
[54] **NETWORK FLOW CONTROL**
[54] **CONTROLE DE FLUX DE RESEAU**
[72] LAWRENCE, JOSEPH C., US
[72] POWER, WILLIAM R., US
[71] LEVEL 3 COMMUNICATIONS, LLC, US
[85] 2018-08-22
[86] 2017-02-23 (PCT/US2017/019151)
[87] (WO2017/147307)
[30] US (62/298,840) 2016-02-23

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[13] A1
[51] **Int.Cl. A47F 3/08 (2006.01)**
[25] EN
[54] **SENSORS, DEVICES, ADAPTERS AND MATING STRUCTURES FOR MERCHANDISERS AND RELATED METHODS**
[54] **CAPTEURS, DISPOSITIFS, ADAPTATEURS ET STRUCTURES D'ACCOUPLEMENT POUR PRESENTOIRS ET PROCEDES ASSOCIES**
[72] MERCIER, MICHAEL WILLIAM, US
[72] DAVENPORT, DANIEL, US
[71] DCI MARKETING, INC. DBA DCI - ARTFORM, US
[71] MARMON RETAIL STORE EQUIPMENT LLC, US
[85] 2018-08-22
[86] 2017-01-18 (PCT/US2017/013989)
[87] (WO2017/127456)
[30] US (62/279,931) 2016-01-18
[30] US (62/440,993) 2016-12-30

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[51] **Int.Cl. E21B 47/12 (2012.01) B65D 73/02 (2006.01) B65D 85/86 (2006.01) E21B 47/18 (2012.01) H01Q 1/38 (2006.01) H05K 3/28 (2006.01)**
[25] EN
[54] **ENCAPSULATED DOWNHOLE ASSEMBLY AND METHOD OF POTTING AND MOUNTING SAME**
[54] **ENSEMBLE DE FOND DE TROU ENCAPSULE ET PROCEDE D'ENROBAGE ET DE MONTAGE DE CELUI-CI**
[72] PERKINS, GREG JOHN, US
[72] JEPSON, JEFFREY B., US
[72] SHUMWAY, ALAN DIXON, US
[71] INTELLISERV, LLC, US
[85] 2018-08-22
[86] 2017-02-24 (PCT/US2017/019400)
[87] (WO2017/147452)
[30] US (62/299,862) 2016-02-25

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[13] A1
[51] **Int.Cl. C01B 32/21 (2017.01) B82Y 30/00 (2011.01) C01B 32/15 (2017.01)**
[25] EN
[54] **METHODS, DEVICES AND SYSTEMS FOR PROCESSING OF CARBONACEOUS COMPOSITIONS**
[54] **PROCEDES, DISPOSITIFS ET SYSTEMES DE TRAITEMENT DE COMPOSITIONS CARBONEES**
[72] LAINE, SCOTT, US
[71] NANOTECH ENERGY, INC., US
[85] 2018-08-16
[86] 2017-02-24 (PCT/US2017/019423)
[87] (WO2017/147468)
[30] US (62/300,550) 2016-02-26
[30] US (62/301,511) 2016-02-29
[30] US (62/302,689) 2016-03-02
[30] US (62/324,796) 2016-04-19

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[13] A1
[51] **Int.Cl. B65G 63/00 (2006.01) B65G 1/04 (2006.01) B65G 35/06 (2006.01)**
[25] EN
[54] **TRANSPORT AND HANDOVER SYSTEM FOR STORING AND REMOVING OR RELOCATING STORAGE ITEMS IN HIGH-BAY WAREHOUSES, AND STORAGE AND RETRIEVAL MACHINE**
[54] **SYSTEME DE TRANSPORT ET DE TRANSFERT POUR LE STOCKAGE ET LE DESTOCKAGE OU LE TRANSFERT DE MARCHANDISES ENTREPOSEES DANS DES ENTREPOTS A RAYONNAGES HAUTS ET TRANSSTOCKEUR**
[72] HEIDE, CARSTEN, DE
[72] BRUCK, VOLKER, DE
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[54] **ACIDE (2S,4R)-5-(5'-CHLORO-2'-FLUORO-[1,1'-BIPHENYL]-4-YL)-2-(ETHOXYMETHYL)-4-(3-HYDROXYISOXAZOLE-5-CARBOXAMIDO)-2-METHYL-PENTANOIQUE CRISTALLIN ET UTILISATIONS CORRESPONDANTES**
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[72] FLEURY, MELISSA, US
[72] RAPTA, MIROSLAV, US
[72] THALLADI, VENKAT R., US
[72] FASS, GENE TIMOTHY, US
[72] SIMEONE, MICHAEL, US
[72] BALDWIN, R. MICHAEL, US
[72] BOURDET, DAVID L., US
[71] THERAVANCE BIOPHARMA R&D IP, LLC, US
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[54] **APPAREIL DE SUTURE CHIRURGICALE**
[72] VRANCKEN PEETERS, MARK-PAUL FRANCISCUS MARIA, NL
[71] MELLON MEDICAL B.V., NL
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[54] **APPAREIL ET PROCEDE DE RACCORDEMENT DIRECT DE CANALISATIONS SOUS-MARINES**
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[72] NYSTROM, PER R., NO
[71] EQUINOR ENERGY AS, NO
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[54] **PROCEDES DE PREVENTION OU DE REDUCTION D'UNE INSUFFISANCE RENALE AIGUE**
[72] MITIN, NATALIA, US
[71] HEALTHSPANDX, US
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[54] **COMPOSITE CONTENANT UNE CHARGE DE POLY(GLYCEROL-SEBACATE)**
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[72] SMOOT, CARISSA, US
[72] GABRIELE, PETER D., US
[72] HARRIS, JEREMY J., US
[72] NICHOLSON, CHARLES BRENDAN, US
[72] LU, STEVEN, US
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[71] ABC POLYMER INDUSTRIES, LLC, US
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[54] **TRAITEMENT D'UNE MALADIE NEURODEGENERATIVE DE L'OEIL A L'AIDE DE PRIDOPIDINE**
[72] RUSS, HERMANN KURT, CH
[72] GEVA, MICHAL, IL
[72] LAUFER, RALPH, IL
[72] ORBACH, ARIC, IL
[71] TEVA PHARMACEUTICALS INTERNATIONAL GMBH, CH
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|54| **MODULE DE BIOREACTEUR ELECTROCHIMIQUE ET VOIES METABOLIQUES MODIFIEES POUR LA PRODUCTION DE 1-BUTANOL AVEC UN RENDEMENT CARBONE ELEVE**
|72| DODDS, DAVID R., US
|72| ARMIGER, WILLIAM B., US
|72| KOFFAS, MATTHEOS, US
|71| BIOCHEMINSIGHTS, INC., US
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|54| **GESTION DES DECHETS DANS DES SYSTEMES ELECTROCHIMIQUES**
|72| KOVACS, JASON R., US
|72| PORTER, DAVID H., US
|72| MCKAY, IAN S., US
|72| MILNES, THOMAS B., US
|71| OPEN WATER POWER, INC., US
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|54| **DISPOSITIFS ET METHODES DE TRAITEMENT DE CORDON OMBILICAL**
|72| COX, CHARLES S., JR., US
|72| GILL, BRIJESH S., US
|72| AROOM, KEVIN, US
|72| SHARMA, TUSHAR, US
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|72| DE TROCH, LIESBET MARIA CORNELIA, BE
|72| FERNANDEZ-PRIETO, SUSANA, BE
|72| GUIDA, VINCENZO, BE
|72| KLOSTERMANN, MICHAEL, DE
|72| KOHLE, HANS-JURGEN, DE
|72| MATTHYS, BRUNO JEAN-PIERRE, BE
|72| SMETS, JOHAN, BE
|72| TIAN, GONGLU, US
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|54| **METHOD AND COMPOSITION FOR TREATING CANCER OR SKIN LESION USING A VACCINE**
|54| **METHODE ET COMPOSITION POUR TRAITER LE CANCER OU UNE LESION CUTANEE A L'AIDE D'UN VACCIN**
|72| IOANNIDES, TIM, US
|71| HPVVAX, LLC, US
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|54| **SYSTEME DE CYBERSECURITE**
|72| HARRIS, BRYAN C., US
|72| GOODWIN, GLEN R., US
|72| DYER, SEAN RILEY, US
|72| BOAKYE, ALEXIUS KOFI AMEYAW, JR., US
|72| SMITH, CHRISTOPHER FRANCIS, US
|72| TELANG, PANKAJ RAMESH, US
|72| HERRICK, DAMIAN TANE, US
|71| SAS INSTITUTE INC., US
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[72] MODAWELL, RICHARD A., US
[72] ORAM, THOMAS K., US
[72] STANFORD, DONALD L., US
[72] TRUMAN, MARK, US
[71] IGT GLOBAL SOLUTIONS CORPORATION, US
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[54] **SUBSTRATS PHOTOACTIFS POUR FABRIQUER UN CONDENSATEUR 3D ET UN RESEAU DE CONDENSATEURS**
[72] FLEMMING, JEB H, US
[72] BULLINGTON, JEFF, US
[72] MCWETHY, KYLE, US
[71] 3D GLASS SOLUTIONS, INC., US
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[54] **FORMES SOLIDES D'UN INHIBITEUR DE THIENOPYRIMIDINEDIONE ACC ET LEURS PROCEDES DE PRODUCTION**
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[72] AMEDIO, JOHN C., JR., US
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[72] GEIER, MICHAEL, US
[72] HARRIMAN, GERALDINE C., US
[72] HU, SIJUN, US
[72] LAWSON, JON P., US
[72] MORRISON, HENRY, US
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[72] VARIA, KUNAL ARVIND, US
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[54] **SYSTEMES ET PROCEDES D'ACHAT EN LIGNE D'ALIMENTS FRAIS**
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[72] STALDER, RYAN, US
[72] SIERANSKI, GREGORY, US
[71] WALMART APOLLO, LLC, US
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[54] **METHODES THERAPEUTIQUES ET DE DIAGNOSTIC DU CANCER**
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[72] FINE, GREGG, US
[72] MARIATHASAN, SANJEEV, US
[72] BOURGON, RICHARD, US
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[72] SUN, JAMES XIN, US
[72] YELENSKY, ROMAN, US
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[54] **APPAREIL POUR L'ADMINISTRATION SOUS-RETINIENNE D'UN AGENT THERAPEUTIQUE PAR L'INTERMEDIAIRE D'UNE AIGUILLE COURBE**
[72] MEYER, THOMAS E., US
[72] KO, BENJAMIN L., US
[72] KHAN, ISAAC J., US
[72] PRICE, DANIEL W., US
[72] OBERKIRCHER, BRENDAN J., US
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[54] **VECTEURS VIRAUX EXPRIMANT DE MULTIPLES EPITOPES D'ANTIGENES ASSOCIES A UNE TUMEUR POUR INDUIRE UNE IMMUNITE ANTITUMORALE**
[72] MERUELO, DANIEL, US
[72] PAMPENO, CHRISTINE, US
[72] HURTADO MARTINEZ, ALICIA, US
[71] NEW YORK UNIVERSITY, US
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[72] TIRTOWIDJOJO, MAX, US
[72] CAMPBELL, SUSAN, US
[72] STANFORD, CREG, US
[72] KRUPER, JACK, JR., US
[72] KOLTHAMMER, BRIAN, US
[71] BLUE CUBE IP LLC, US
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[54] **SYSTEMES ET PROCEDES D'ADMINISTRATION D'ADDITIF REGLABLE**
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[72] GAY, ANDREW, US
[72] URBANIK, THOMAS A., US
[72] KURTH, WILLIAM G., US
[72] FAULKNER, DANIEL J., US
[72] KISSINGER, DREW, US
[71] CIRKUL, INC., US
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[72] CEZANNE, JUERGEN, US
[72] SUBRAMANIAN, SUNDAR, US
[72] ISLAM, MUHAMMAD NAZMUL, US
[72] SADIQ, BILAL, US
[72] SAMPATH, ASHWIN, US
[72] LI, JUNYI, US
[71] QUALCOMM INCORPORATED, US
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[54] **APPAREIL, SYSTEME ET PROCEDE POUR COMPLETION DE LEVAGE ARTIFICIEL DE PUITS EN EXPLOITATION**
[72] BENNETT, BRUCE RICHARD, CA
[72] DINKINS, WALTER RUSSELL, US
[72] HEDGES, JOHN FARRAR, CA
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **SYSTEME DE MESSAGERIE A BASE D'IMAGES/DE VIDEO POUR LES INTERVENTIONS EN CAS D'URGENCE**
[72] CLAWSON, JEFFREY J., US
[71] CLAWSON, JEFFREY J., US
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[71] HRP EQUESTRIAN LIMITED, GB
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[54] **SADDLE PAD**
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[71] HRP EQUESTRIAN LIMITED, GB
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[54] **WATER TREATMENT APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE TRAITEMENT DE L'EAU**
[72] COULTON, RICHARD HENRY, GB
[71] SILTBUSTER LIMITED, GB
[85] 2018-08-23
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[25] EN
[54] **HOT-DIP GALVANIZATION SYSTEM AND HOT-DIP GALVANIZATION METHOD**
[54] **INSTALLATION DE GALVANISATION A CHAUD ET PROCEDE DE GALVANISATION A CHAUD**
[72] PINGER, THOMAS, DE
[72] BAUMGURTEL, LARS, DE
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[54] **INSTALLATION DE GALVANISATION A CHAUD ET PROCEDE DE GALVANISATION A CHAUD, EN PARTICULIER POUR LA PRODUCTION EN GRANDE SERIE**
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[72] BAUMGURTEL, LARS, DE
[71] FONTAINE HOLDINGS NV, BE
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[54] **PRETRAITEMENT DE METAUX PAR AGENTS A BASE DE ZIRCONIUM ET EXEMPTS DE FLUORURE A DES FINS DE PASSIVATION**
[72] RIESOP, JORG, DE
[72] GEICK, VOLKER, DE
[71] HENKEL AG & CO. KGAA, DE
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[54] **SYSTEMES ET PROCEDES DE LIVRAISON D'ARTICLE DE MAGASIN**
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[72] PAYNE, MICHAEL LAWERANCE, US
[72] CHARLES, KEVIN MATTHEW, US
[71] WALMART APOLLO, LLC, US
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[54] **STRUCTURE DE SUPPORT DE BRAS TRANSVERSAL AMELIOREE**
[72] WILES, JAMES ROBERT, US
[72] PAULIN, ROBERT, US
[72] CLEVENGER, SCOTT, US
[71] VALMONT INDUSTRIES, INC., US
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[54] **INHIBITEURS DES INTERACTIONS DES RECEPTEURS DE BETA-ARRESTINE-NEUROKININE 1 POUR LE TRAITEMENT DE LA DOULEUR**
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[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
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[72] LEONG, STAN, CA
[72] DOCKENS, KIM, US
[72] JOHNSTON, SHAWNA L., CA
[71] OSP MICROCHECK INC., CA
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[54] **COMPOSITION D'ENGRAIS REVETUE PAR PULVERISATION**
[72] IYER, SATISH, CA
[72] PEDERSEN, ERIC, CA
[72] KNOLL, RICHARD, CA
[72] AJIBOYE, BABASOLA, CA
[72] FLEGEL, MITCHEL, CA
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[54] **FILTRE DE CLIMATISEUR ET SON PROCEDE DE FABRICATION**
[72] CHENG, LIANG, CN
[72] FOX, ANDREW R., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **PROCEDE ET DISPOSITIF DE GENERATION D'ELECTRICITE UTILISANT LA COMBUSTION DE COMBUSTIBLES FOSSILES A ZERO EMISSION DE CARBONE**
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[54] **REGISTRE ET PROCEDE DE GESTION AUTOMATISEE POUR CONTRATS INTELLIGENTS APPLIQUES PAR CHAINE DE BLOCS**
[72] WRIGHT, CRAIG STEVEN, GB
[72] SAVANAH, STEPHANE, GB
[71] NCHAIN HOLDINGS LIMITED, AG
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[54] **SYSTEME DE PROPULSION POUR VEHICULE HYBRIDE ET PROCEDE POUR FAIRE FONCTIONNER UN TEL SYSTEME DE PROPULSION**
[72] HOESS, BERNHARD, DE
[72] JUNG, THOMAS, DE
[72] KOBLER, SEBASTIAN, DE
[71] BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT, DE
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[54] **SUBMERSIBLE SYSTEM AND METHOD FOR MEASURING THE DENSITY AND/OR CONCENTRATION OF SOLIDS IN A DISPERSION**
[54] **SYSTEME SUBMERSIBLE ET PROCEDE POUR LA MESURE DE LA DENSITE ET/OU DE LA CONCENTRATION DE SOLIDES D'UNE DISPERSION**
[72] MALDONADO SAAVEDRA, MIGUEL ANDRES, CL
[72] GOMEZ OCARANZA, CESAR PATRICIO, CA
[71] UNIVERSIDAD DE SANTIAGO DE CHILE, CL
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[54] **PROCEDE ET APPAREIL POUR LA DETECTION DE PRESENCE DE MYCOTOXINES DANS DES CEREALES**
[72] THIENPONT, HUGO, BE
[72] MEULEBROECK, WENDY, BE
[72] SMEESTERS, LIEN, BE
[71] TOMRA SORTING N.V., BE
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[54] **SYSTEM AND METHOD FOR THE DETECTION OF ACRYLAMIDE PRECURSORS IN RAW POTATOES AND POTATO-BASED FOOD PRODUCTS**
[54] **SYSTEME ET PROCEDE PERMETTANT LA DETECTION DE PRECURSEURS D'ACRYLAMIDE DANS DES POMMES DE TERRE CRUES ET PRODUITS ALIMENTAIRES A BASE DE POMMES DE TERRE**
[72] THIENPONT, HUGO, BE
[72] MEULEBROECK, WENDY, BE
[72] SMEESTERS, LIEN, BE
[71] TOMRA SORTING N.V., BE
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[54] **PROCEDE ET SYSTEME PRE-CIBLES POUR VIDEO A LA DEMANDE**
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[54] **STRATIFIE DECORATIF CONTRECOLLE PAR FUSION**
[72] BAYER, HELMUT, DE
[72] ALTENWEGER, JOSEF, DE
[72] MAIER, KONRAD, DE
[72] KOMOREK, ANDREA, DE
[71] PROFOL KUNSTSTOFFE GMBH, DE
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[72] CLEEMANN, FELIX, DE
[72] MAITRO, GUILLAUME, DE
[72] KRUSCH, MATHIAS, DE
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[54] **ASSEMBLY FOR CHARGING A BATTERY AND CHARGING METHOD IMPLEMENTING SUCH AN ASSEMBLY**
[72] LABAYE, THIERRY, FR
[72] CLERC, VINCENT, FR
[71] SOFTBANK ROBOTICS EUROPE, FR
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[54] **FORMULATIONS SANS SOLVANT DE SUBSTANCES ACTIVES A FAIBLE POINT DE FUSION**
[72] KRAUSE, JENS, DE
[72] ROCHLING, ANDREAS, DE
[72] KRUGER, JOACHIM, DE
[72] KRAUSE, HANS-PETER, DE
[72] RATSCHINSKI, ARNO, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
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[72] VIEIRA DE JESUS, JOAO, GB
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
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[72] MAHLER, MARKUS, DE
[72] WARDA, ISABELLA, DE
[72] STEINFELD, UTE, DE
[72] HOLZER, FRANK, DE
[71] URSAPHARM ARZNEIMITTEL GMBH, DE
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[72] SCHNEIDER, NORA, CH
[72] HAUSER, JONAS, CH
[72] SILVA ZOLEZZI, IRMA, CH
[72] SAMUEL, TINU MARY, CH
[72] DEONI, SEAN, US
[72] BARTFAI, TAMAS, SE
[71] NESTEC S.A., CH
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[54] **BANDE FLEXIBLE MORPHO-ANATOMIQUE**
[72] CHAFFRINGEON, BERNARD, AE
[71] V-VEIL-UP-PHARMA LIMITED, CY
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[54] **APPAREIL DE TRAITEMENT D'INFORMATIONS, PROCEDE DE TRAITEMENT D'INFORMATIONS ET PROGRAMME ASSOCIE**
[72] YAMAJI, TAKAYUKI, JP
[72] NAITO, HIROHISA, JP
[71] FUJITSU LIMITED, JP
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[54] **COMPOSITION POUR LA MODIFICATION DE RHEOLOGIE D'UNE COULEUR DE REVETEMENT, SON UTILISATION, ET COULEUR DE REVETEMENT**
[72] LEPO, ANNELI, FI
[72] PEURANEN, HELENA, FI
[71] KEMIRA OYJ, FI
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[54] **BLOOD STAINING PATCH, METHOD AND DEVICE FOR BLOOD TEST**
[54] **PATCH DE COLORATION DU SANG, ET PROCEDE ET APPAREIL POUR ANALYSER LE SANG L'UTILISANT**
[72] LEE, DONG YOUNG, KR
[72] LIM, CHAN YANG, KR
[72] KIM, KYUNG HWAN, KR
[72] SHIN, YOUNG MIN, KR
[72] YANG, HYUN JEONG, KR
[71] NOUL CO., LTD., KR
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[54] **ANTIBODY-PROVIDING KIT, ANTIBODY-CONTAINING PATCH, METHOD AND DEVICE FOR IMMUNOASSAY USING THE SAME**
[54] **NECESSAIRE DE FOURNITURE D'ANTICORPS, TIMBRE DE STOCKAGE D'ANTICORPS, DISPOSITIF ET PROCEDE DE DIAGNOSTIC D'IMMUNITE L'UTILISANT**
[72] LEE, DONG YOUNG, KR
[72] LIM, CHAN YANG, KR
[72] KIM, KYUNG HWAN, KR
[71] NOUL CO., LTD., KR
[85] 2018-08-23
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[54] **SYSTEME ET PROCEDE POUR ASSOCIER UNE POLITIQUE DE GESTION DE CLE DE CHIFFREMENT A UNE ACTIVITE DE DISPOSITIF**
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[72] STUEVE, GERALD J., US
[72] GARDNER, GARY C., US
[72] WHITE, CHARLES, US
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[54] **A SYSTEM AND METHOD FOR IN-LINE TREATMENT OF THREAD FOR USE WITH A THREAD CONSUMPTION DEVICE**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT EN LIGNE DE FIL A UTILISER AVEC UN DISPOSITIF DE CONSOMMATION DE FIL**
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[72] STABERG, JOAKIM, SE
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[54] **CULTURING PATCH, CULTURING METHOD, CULTURE TEST METHOD, CULTURE TEST DEVICE, DRUG TEST METHOD, AND DRUG TEST DEVICE**
[54] **PATCH DE CULTURE, PROCEDE DE CULTURE, PROCEDE ET APPAREIL D'ANALYSE DE CULTURE, ET PROCEDE ET APPAREIL DE TEST D'UN MEDICAMENT**
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[72] LIM, CHAN YANG, KR
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[54] **SYSTEMES, DISPOSITIFS, ET PROCEDES DE REGENERATION D'UN FILTRE A PARTICULES**
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[72] STILES, JOHN, US
[72] PHILIPS, DAVID, US
[71] JTSMCDP, LLC, US
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[54] **PROCEDE UNIQUE DE GRANULATION SOUS FORT CISAILLEMENT AMELIORANT LA BIODISPONIBILITE DU RIVAROXABAN**
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[72] REYNOLDS, THOMAS DANIEL, US
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[72] COULTER, STEWART M., US
[72] GRAY, BRIAN G., US
[72] VAN DER MERWE, DIRK A., US
[72] DASTOUS, SUSAN D., US
[72] PAWLOWSKI, DANIEL F., US
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[72] YANG, ZE, US
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[54] **PROCEDE DE COLLECTE D'ACIDE NUCLEIQUE**
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[72] SAWADA, SHINJIRO, JP
[72] NAKAGAWA, MAI, JP
[71] TORAY INDUSTRIES, INC., JP
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[54] **METHOD AND APPARATUS FOR ARGON RECOVERY IN A CRYOGENIC AIR SEPARATION UNIT INTEGRATED WITH A PRESSURE SWING ADSORPTION SYSTEM**
[54] **PROCEDE ET APPAREIL DE RECUPERATION D'ARGON DANS UNE UNITE DE SEPARATION D'AIR CRYOGENIQUE INTEGREE A UN SYSTEME D'ADSORPTION PAR INVERSION DE PRESSION**
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[72] LUO, YANG, US
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[72] WOLFER, RODOLFO, CH
[72] VIGARU, BOGDAN, CH
[72] CHARLES, STEVEN T., US
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[54] **SYSTEME MULTICARBURANT POUR DES MOTEURS A COMBUSTION INTERNE**
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[54] **COMPOSITIONS IGNIFUGES SANS HALOGENE PRESENTANT DES PROPRIETES AMELIOREES DE TRACTION**
[72] ZHANG, YICHI, US
[72] ALVES, MARCIO TEIXEIRA, BR
[72] CHAUDHARY, BHARAT I., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **INTERFACE UTILISATEUR GRAPHIQUE DE COMMANDE SANS CONTACT**
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[71] THE COCA-COLA COMPANY, US
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[54] **MEDICAL ICE SLURRY PRODUCTION AND DELIVERY SYSTEMS AND METHODS**
[54] **PRODUCTION D'UN COULIS DE GLACE A USAGE MEDICAL, SYSTEMES D'ADMINISTRATION ET PROCEDES ASSOCIES**
[72] GARIBYAN, LILIT, US
[72] ANDERSON, RICHARD ROX, US
[72] FARINELLI, WILLIAM A., US
[72] JAVORSKY, EMILIA, US
[71] THE GENERAL HOSPITAL CORPORATION, US
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[54] **RESEAU DE REFROIDISSEMENT DE CENTRALE ELECTRIQUE A PILE A COMBUSTIBLE DANS LEQUEL EST INTEGRE UN MOTEUR HYDRAULIQUE THERMIQUE**
[72] MARGIOTT, PAUL, US
[71] DOOSAN FUEL CELL AMERICA, INC., US
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[54] **UNITE DE CONVERSION THERMOELECTRIQUE, MODULE DE CONVERSION THERMOELECTRIQUE ET UNITE DE PRODUCTION D'ELECTRICITE A PARTIR DE GAZ D'ECHAPPEMENT**
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[72] MANDELBOIM, OFER, IL
[72] KAYNAN, NOA S., IL
[72] TSUKERMAN, PINCHAS, IL
[72] JONJIC, STIPAN, HR
[71] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD., IL
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[54] **COMPOSITIONS LUBRIFIANTES POUR MOTEURS A INJECTION DIRECTE**
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[72] DOHNER, BRENT R., US
[72] MIYOSHI, KAZAYOSHI, JP
[72] SAMMUT, ALEXANDER, US
[72] MOSIER, PATRICK E., US
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[54] **SYSTEME DE SURVEILLANCE EN TEMPS REEL DE DONNEES DE TENSION, DE COMPRESSION ET DE COUPLE**
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[72] LIVESCU, SILVIU, CA
[72] VACIK, LUBOS, CA
[71] BAKER HUGES, A GE COMPANY, LLC, US
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[54] **ALKANE DEHYDROGENATION CATALYST REGENERATION BY LOW CHLORINE CONTENT OXYCHLORINATION**
[54] **REGENERATION DE CATALYSEUR DE DESHYDROGENATION D'ALCANE PAR OXYCHLORATION A FAIBLE TENEUR EN CHLORE**
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[72] BARTON, DAVID G., US
[72] LUO, LIN, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[72] BROWN, PHILIP J., US
[71] WAKE FOREST UNIVERSITY HEALTH SCIENCES, US
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[54] **FORMULATIONS A USAGE TOPIQUE CONTENANT DE LA CYCLOSPORINE ET LEURS UTILISATIONS**
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[72] MITRA, ASHIM K., US
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[54] **DISPOSITIF MULTICOUCHE POUR SEPARER DES CONSTITUANTS SANGUINS ET SES UTILISATIONS**
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[72] RYONA, IMELDA, US
[72] BOWERS, LARRY DONALD, US
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[54] **SYSTEMES ET PROCEDES DE CONFIGURATION DYNAMIQUE DE POLITIQUE DE PARE-FEU**
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[72] EWERT, TRAVIS D., US
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[72] BENCIVENGA, ERNEST, US
[72] FILLIO, THOMAS D., US
[71] ARRIS ENTERPRISES LLC, US
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[54] **COMPOSITIONS ET PROCEDES POUR REDUIRE LA TEMPERATURE DE SURFACE D'ARTICLES COMPOSITES**
[72] CERNOHOUS, JEFFREY J., US
[72] HOBBS, GARY, US
[72] MACKEY, DUSTIN L., US
[72] MORRISON, TIMOTHY D., US
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[71] RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL, US
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[54] **CLES DE CRYPTAGE ACTIVEES PAR POLITIQUE PORTEUSES D'OPERATIONS DE LOGIQUE COMPLEXE**
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[72] EDWARDS, STEPHEN, US
[71] FORNETIX LLC, US
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[72] MOLONEY, JEREMY, US
[71] ECOLAB USA INC., US
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[72] SHEFFER, YARON, US
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[54] **FORMULATIONS LIPOSOMALES ET LEURS PROCEDES D'UTILISATION EN AGRICULTURE**
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[72] KARNY, AVISHAI, IL
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[72] HERMANSON, DAVID, US
[72] OSTERTAG, ERIC, US
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[72] JONES, WILLIAM K., US
[71] MAGIC LEAP, INC., US
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[72] RUDDOCKS, DAVID A., US
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[54] **RECONNAISSANCE ET SYNCHRONISATION DE CONTENU MULTIMEDIA SUR UN SIGNAL DE MOUVEMENT**
[72] MENARD, JEAN-FRANCOIS, CA
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[71] D-BOX TECHNOLOGIES INC., CA
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[54] **GESTION DE PROFILS POUR DES APPLICATIONS DE GUIDES DE SUPPORTS INTERACTIFS**
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[54] **PROCEDE POUR LA RECUPERATION DE METAUX ET D'ACIDE CHLORHYDRIQUE**
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[72] WHITE, CARL, CA
[71] BRAV METAL TECHNOLOGIES INC., CA
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[54] **TRAINEAU D'ENTRAINEMENT A POIDS**
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[72] ROSENOW, CHARLES J., US
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[54] **PROCEDE D'EXPRESSION DE PETITES MOLECULES D'ARN ANTIVIRAL A CYTOTOXICITE REDUITE DANS UNE CELLULE**
[72] LOIS-CABALLE, CARLOS, US
[72] BALTIMORE, DAVID, US
[72] QIN, XIAO-FENG, US
[72] CHEN, IRVIN S.Y., US
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[72] GALINDO CASAS, MERITXELL, US
[72] STROP, PAVEL, US
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[54] **MOLECULES D'ACIDE NUCLEIQUE ET POLYPEPTIDES D'ACIDE GRAS POLYINSATURE_SYNTHASE, COMPOSITIONS, ET PROCEDES DE PREPARATION ET UTILISATIONS DE CEUX-CI**
[72] APT, KIRK E., US
[72] RICHTER, LESLIE, US
[72] SIMPSON, DAVID, US
[72] ZIRKLE, ROSS, US
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[72] PEARSE, GARY, CA
[72] MACKIE, STEPHEN CHARLES, CA
[72] GLADKOVAS, MYKOLAS, CA
[72] GENDERS, J. DAVID, US
[72] SYMONS, PETER, US
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[71] NEMASKA LITHIUM INC., CA
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[72] BERKA, NABIL, FR
[72] DISSARD, DOMINIQUE, FR
[72] JAY, JEAN-CHARLES, FR
[72] GILOTIN, DENIS, FR
[72] GRAUGNARD, HENRI, FR
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[72] DISSARD, DOMINIQUE, FR
[72] JAY, JEAN-CHARLES, FR
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[54] **SPECTROMETRIE DE MASSE DE COMPOSES STEROIDIENS DANS DES ECHANTILLONS MULTIPLEXES**
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[72] HOLMQUIST, BRETT, US
[71] QUEST DIAGNOSTICS INVESTMENTS INCORPORATED, US
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[54] **PURIFICATION CHROMATOGRAPHIQUE D'ACIDES GRAS POLYINSATURES**
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[72] MORRISON, ANGUS, GB
[71] BASF PHARMA (CALLANISH) LIMITED, GB
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[54] **ADMINISTRATION CIBLEE D'ORGANISMES PROBIOTIQUES ET/OU D'AGENTS THERAPEUTIQUES DANS LE TRACTUS GASTRO-INTESTINAL**
[72] KABADI, MOHAN, US
[72] SCHENTAG, JEROME J., US
[71] THERABIOME, LLC, US
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[54] **TRAINS DE TRAITEMENT DE TITANE ET D'ALLIAGES DE TITANE**
[72] FORBES JONES, ROBIN M, US
[72] MANTIONE, JOHN V., US
[72] DE SOUZA, URBAN J., US
[72] THOMAS, JEAN-PHILIPPE, US
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[54] **SYSTEMS, METHODS, AND ARTICLES OF MANUFACTURE TO MEASURE ONLINE AUDIENCES**
[54] **SYSTEMES, PROCEDES ET PRODUITS MANUFACTURES PERMETTANT DE MESURER DES AUDIENCES EN LIGNE**
[72] OLIVER, JAMES R., US
[72] STACKHOUSE, HERBERT F., US
[72] DOE, PETER C., US
[72] TANG, CANDY, US
[72] HA, MICHELLE, US
[71] THE NIELSEN COMPANY (US), LLC, US
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[54] **AMPHIPHILIC COMPOUNDS WITH NEUROPROTECTIVE PROPERTIES**
[54] **COMPOSES AMPHIPHILES DOTE DE PROPRIETES NEUROPROTECTRICES**
[72] CHODOUNSKA, HANA, CZ
[72] JAHN, ULLRICH, CZ
[72] KAPRAS, VOJTECH, CZ
[72] KUDOVA, EVA, CZ
[72] VALES, KAREL, CZ
[72] VYKLICKY, LADISLAV, CZ
[71] FYZIOLOGICKY USTAV AV CR, V.V.I., CZ
[71] USTAV ORGANICKE CHEMIE A BIOCHEMIE AV CR, V.V.I., CZ
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[54] **DECODER FOR GENERATING A FREQUENCY ENHANCED AUDIO SIGNAL, METHOD OF DECODING, ENCODER FOR GENERATING AN ENCODED SIGNAL AND METHOD OF ENCODING USING COMPACT SELECTION SIDE INFORMATION**
[54] **DECODEUR POUR GENERER UN SIGNAL AUDIO AMELIORE EN FREQUENCE, PROCEDE DE DECODAGE, CODEUR POUR GENERER UN SIGNAL CODE ET PROCEDE DE CODAGE UTILISANTANT DES INFORMATIONS AUXILIAIRES DE SELECTION COMPACTE**
[72] NAGEL, FREDERIK, DE
[72] DISCH, SASCHA, DE
[72] NIEDERMEIER, ANDREAS, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **DECODER FOR GENERATING A FREQUENCY ENHANCED AUDIO SIGNAL, METHOD OF DECODING, ENCODER FOR GENERATING AN ENCODED SIGNAL AND METHOD OF ENCODING USING COMPACT SELECTION SIDE INFORMATION**
[54] **DECODEUR POUR GENERER UN SIGNAL AUDIO AMELIORE EN FREQUENCE, PROCEDE DE_DECODAGE, CODEUR POUR GENERER UN SIGNAL CODE ET PROCEDE DE CODAGE UTILISANT DES INFORMATIONS AUXILIAIRES DE SELECTION COMPACTE**
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[54] **DECODEUR POUR GENERER UN SIGNAL AUDIO AMELIORE EN FREQUENCE, PROCEDE DE DECODAGE, CODEUR POUR GENERER UN SIGNAL CODE ET PROCEDE DE CODAGE UTILISANT DES INFORMATIONS AUXILIAIRES DESELECTION COMPACTE**
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[72] DISCH, SASCHA, DE
[72] NIEDERMEIER, ANDREAS, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **COMPOSITION AND METHOD FOR PREVENTING ORAL DISEASE**
[54] **COMPOSITION ET PROCEDE PERMETTANT D'EMPECHER UNE AFFECTION BUCCALE**
[72] RATCLIFF, JAMES L., US
[72] DRAKE, DAVID R., US
[72] CUNNINGHAM, SALLY A., US
[72] YOUNG, ELENA J., US
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[54] **A PRIORI SCHEDULING OF MULTIPLE ASSETS WITHIN A COLLECTION OF ASSET DELIVERY OPPORTUNITIES**
[54] **PROGRAMMATION A PRIORI DE MULTIPLES BIENS A L'INTERIEUR D'UNE COLLECTION D'OPPORTUNITES DE DISTRIBUTION DE BIENS**
[72] FLATT, ALDEN, CA
[72] KOSINSKI, BRETT, CA
[72] WILSON, DANIEL C., CA
[72] BALLANTYNE, DAVID, CA
[72] KOOPMANS, JEREMY, CA
[71] INVIDI TECHNOLOGIES CORPORATION, US
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[54] **GENE EXPRESSION MARKERS FOR BREAST CANCER PROGNOSIS**
[54] **MARQUEURS D'EXPRESSION GENIQUE POUR LE PRONOSTIC DU CANCER DU SEIN**
[72] COBLEIGH, MELODY A., US
[72] SHAK, STEVE, US
[72] BAKER, JOFFRE B., US
[72] CRONIN, MAUREEN T., US
[71] GENOMIC HEALTH, INC., US
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[54] **TRANSMITTING APPARATUS AND INTERLEAVING METHOD THEREOF**
[54] **APPAREIL DE TRANSMISSION ET SON PROCEDE D'IMBRICATION**
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[72] MYUNG, SE-HO, KR
[72] JEONG, HONG-SIL, KR
[72] LOBETE, ANSORREGUI DANIEL, KR
[72] MOUHOUCHE, BELKACEM, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **LOW-COMPLEXITY INTRA PREDICTION FOR VIDEO CODING**
[54] **PREDICTION INTERNE A FAIBLE COMPLEXITE POUR CODAGE VIDEO**
[72] BOSSEN, FRANK JAN, US
[72] TAN, THIOW KENG, SG
[71] NTT DOCOMO, INC., JP
[22] 2011-07-14
[41] 2012-01-19
[62] 2,934,184
[30] US (61/364,322) 2010-07-14
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[54] **PREDICTION INTERNE A FAIBLE COMPLEXITE POUR CODAGE VIDEO**
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[72] TAN, THIOW KENG, SG
[71] NTT DOCOMO, INC., JP
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[54] **SYSTEME DE TRAITEMENT ET DE REGULATION FLUIDIQUE**
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[25] EN
[54] **PROCESSES FOR PREPARING LITHIUM HYDROXIDE**
[54] **PROCEDES POUR LA PREPARATION D'HYDROXYDE DE LITHIUM**
[72] MAGNAN, JEAN-FRANCOIS, CA
[72] BOURASSA, GUY, CA
[72] PEARSE, GARY, CA
[72] SYMONS, PETER, US
[72] GENDERS, J. DAVID, US
[72] BAR, DANIEL, US
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[71] NEMASKA LITHIUM INC., CA
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[72] SHAH, AMIT NAVIN, US
[72] HIEMENZ, GREGORY JOHN, US
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[54] **COMMUNICATIONS CHIFFREES POUR BARRIERE MOBILE**
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[72] PLANCK, RANDALL LEE, US
[71] THE CHAMBERLAIN GROUP, INC., US
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[54] **PREDICTION INTERNE A FAIBLE COMPLEXITE POUR CODAGE VIDEO**
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[72] TAN, THIOW KENG, SG
[71] NTT DOCOMO, INC., JP
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[54] **CHLOROPLAST TRANSIT PEPTIDES FOR EFFICIENT TARGETING OF DMO AND USES THEREOF**
[54] **PEPTIDES DE TRANSIT DE CHLOROPLASTE POUR CIBLAGE EFFICACE DE DMO ET UTILISATION DE CEUX-CI**
[72] FENG, PAUL C. C., US
[72] MALVEN, MARIANNE, US
[72] FLASINSKI, STANISLAW, US
[71] MONSANTO TECHNOLOGY LLC, US
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[54] **NUCLEIC ACID MOLECULES ENCODING A PHYTOENE SYNTHASE**
[54] **MOLECULES D'ACIDE NUCLEIQUE CODANT UNE SYNTHASE PHYTOENE**
[72] YE, XUDONG, US
[72] PETERSEN, MICHAEL W., US
[72] HUANG, SHIHSHIEH, US
[72] CHOMET, PAUL S., US
[72] WALTERS, DAVID, US
[72] JOHNSON, SUSAN, US
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[71] MONSANTO TECHNOLOGY LLC, US
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[54] **METHOD AND APPARATUS FOR PROVIDING SIGNATURES OF AUDIO/VIDEO SIGNALS AND FOR MAKING USE THEREOF**
[54] **PROCEDE ET APPAREIL POUR LA FOURNITURE DE SIGNATURES DE SIGNAUX AUDIO ET/OU VIDEO ET LEUR UTILISATION**
[72] CARRIERES, PASCAL, CA
[71] MIRANDA TECHNOLOGIES PARTNERSHIP, CA
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[54] **SYSTEME ET PROCEDE PERMETTANT UNE DETECTION ET UNE EVALUATION DE FORMATION**
[72] BENSON, TODD W., US
[72] STOKELD, BRIAN EUGENE, US
[72] LOCKHART, DWIGHT A., US
[71] MOTIVE DRILLING TECHNOLOGIES, INC., US
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[54] **APPARATUS AND METHOD FOR PLACEMENT OF ANGLE PLATES IN TRANSVERSE DUCT FLANGES**
[54] **APPAREIL ET PROCEDE DE PLACEMENT D'EQUERRRES DANS DES BRIDES POUR CONDUITS TRANSVERSAUX**
[72] DAW, DAVID E., US
[72] UMBERGER, CODY B., US
[71] HVAC INVENTORS/SYSTEMATION, INC., US
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[54] **MATERIAU POUR EMPREINTE A GESTION DES TISSUS ET SYSTEME D'ADMINISTRATION**
[72] PIERSON, PAUL RICHARD, US
[72] SUN, FUMING, US
[72] BENNET, RICK, US
[72] PIERONI, ROBERT J., US
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[54] **PLAQUE D'ACIER PRESSEE A CHAUD, ARTICLE MOULE A LA PRESSE, ET PROCEDE DE FABRICATION D'ARTICLE MOULE A LA PRESSE**
[72] MURAKAMI, TOSHIO, JP
[72] NAITOU, JUNYA, JP
[72] OKITA, KEISUKE, JP
[72] IKEDA, SHUSHI, JP
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
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[54] **INSULIN RECEPTOR PARTIAL AGONISTS**
[54] **AGONISTES PARTIELS DU RECEPTEUR DE L'INSULINE**
[72] LIN, SONGNIAN, US
[72] YAN, LIN, US
[72] HUO, PEI, US
[72] PISSARNITSKI, DMITRI, US
[72] FENG, DANQING, US
[72] NARGUND, RAVI, US
[72] ZHU, YUPING, US
[72] KEKEC, AHMET, US
[72] MADSEN-DUGGAN, CHRISTINA B., US
[72] SHI, ZHI-CAI, US
[72] WU, ZHICAI, US
[72] MU, YINGJUN, US
[71] MERCK SHARP & DOHME CORP., US
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[54] **COMPOSITIONS DE CANNABINOIDES ET UTILISATIONS**
[72] HEARN, ALEX, GB
[72] GUPTA, RITIKA, GB
[72] BOWDREY, MOIRA, GB
[71] KIND CONSUMER LIMITED, GB
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[54] **FOLATE RECEPTOR 1 ANTIBODIES AND IMMUNOCONJUGATES AND USES THEREOF**
[54] **ANTICORPS DU RECEPTEUR 1 DU FOLATE ET IMMUNOCONJUGUES ET LEURS UTILISATIONS**
[72] AB, OLGA, US
[72] TAVARES, DANIEL, US
[72] RUI, LINGYUN, US
[72] PAYNE, GILLIAN, US
[72] GOLDMAKHER, VIKTOR S., US
[71] IMMUNOGEN, INC., US
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[54] **LIPOPROTEIN ANALYSIS BY DIFFERENTIAL CHARGED-PARTICLE MOBILITY**
[54] **ANALYSE DE LIPOPROTEINES PAR MOBILITE DIFFERENTIELLE DE PARTICULES CHARGEES**
[72] CAULFIELD, MICHAEL P., US
[72] REITZ, RICHARD E., US
[72] LI, SHUGUANG, US
[72] LEE, GLORIA KWANGJA, US
[72] KRAUSS, RONALD, US
[72] BLANCHE, PATRICIA J., US
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[72] SANTOS, PEDRO, US
[72] PITTS, JEREMY, US
[72] NELSON, ANDREW, US
[72] SANTEN, JOHANNES, US
[72] WALTON, JOHN, US
[72] WESTWOOD, MITCHELL, US
[71] HICOR TECHNOLOGIES, INC., US
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[54] **LIPIDE CATIONIQUE AMELIORE DE FORMULE I**
[72] CHEN, JIANXIN, US
[72] ANSELL, STEVEN, US
[72] AKINC, AKIN, US
[72] DORKIN, JOSEPH R., US
[72] QIN, XIAOJUN, US
[72] CANTLEY, WILLIAM, US
[72] MANOHARAN, MUTHIAH, US
[72] RAJEEV, KALLANTHOTTATHIL G., US
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[54] **OPERATIONS DE DONNEES FLOUES**
[72] ANDERSON, ARLEN, GB
[71] AB INITIO TECHNOLOGY LLC, US
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|54| **POSTURE IMPROVING GARMENT**
|54| **VETEMENT AMELIORANT LA POSTURE**
|72| BROWN, TIMOTHY W., US
|71| INTELLISKIN USA, LLC, US
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|51| **Int.Cl. A42B 3/04 (2006.01) A42B 3/00 (2006.01) A42B 3/12 (2006.01)**
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|54| **IMPACT DIVERTING MECHANISM**
|54| **MECANISME DE DEVIATION DE CHOC**
|72| GOLNARAGHI, FARID, CA
|72| WANG, GAOFENG GARY, CA
|72| ABRAM, DANIEL EAMON, CA
|72| JELVEH, COMBIZ, CA
|71| SIMON FRASER UNIVERSITY, CA
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|54| **WAVEFORM SHAPES FOR TREATING NEUROLOGICAL DISORDERS OPTIMIZED FOR ENERGY EFFICIENCY**
|54| **PROFILS DE FORME D'ONDE POUR LE TRAITEMENT DE TROUBLES NEUROLOGIQUES OPTIMISES POUR UNE EFFICACITE ENERGETIQUE**
|72| GRILL, WARREN M., US
|72| WONGSARNPIGOON, AMORN, US
|71| NDI MEDICAL, LLC, US
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|54| **DETERMINATION OF AN ITEM OF DISTANCE INFORMATION FOR A VEHICLE**
|54| **DETERMINATION D'UN ELEMENT D'INFORMATION A DISTANCE POUR UN VEHICULE**
|72| WOHLENBERG, STEFAN, DE
|72| MEINECKE, MARC-MICHAEL, DE
|72| RUCHATZ, THOMAS, DE
|72| EFFERTZ, JAN, DE
|71| VOLKSWAGEN AG, DE
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|51| **Int.Cl. G06F 21/44 (2013.01) G07F 7/08 (2006.01)**
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|54| **SYSTEM AND METHOD FOR AUTHENTICATING A PAYMENT TERMINAL**
|54| **SYSTEME ET PROCEDE D'AUTHENTIFICATION D'UN TERMINAL DE PAIEMENT**
|72| GLEESON, BRYAN MICHAEL, CA
|72| HAYHOW, ROBERT, CA
|71| THE TORONTO-DOMINION BANK, CA
|22| 2013-03-25
|41| 2013-09-23
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|54| **FAST COMPUTER STARTUP**
|54| **DEMARRAGE RAPIDE D'ORDINATEUR**
|72| IYIGUN, MEHMET, US
|72| BAK, YEVGENIY, US
|72| WILSON, EMILY N., US
|72| STARK, KIRSTEN V., US
|72| ZHANG, SUSHU, US
|72| STEMEN, PATRICK L., US
|72| KING, BRIAN E., US
|72| KARAGOUNIS, VASILIOS, US
|72| JAIN, NEEL, US
|71| MICROSOFT TECHNOLOGY LICENSING, LLC, US
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|54| **TRANSMISSION LATENCY LEVELING APPARATUSES, METHODS AND SYSTEMS**
|54| **APPAREILS, PROCEDES ET SYSTEMES DE NIVELLEMENT DE LATENCE DE TRANSMISSION**
|72| KATSUYAMA, BRADLEY, US
|72| SCHWALL, JOHN, US
|72| PARK, ROBERT, US
|72| RYAN, RONAN, US
|72| AISEN, BENJAMIN, US
|72| AISEN, DANIEL, US
|72| BOLLERMAN, DONALD, US
|72| CHUNG, FRANCIS, US
|72| FELDMAN, STANLEY, US
|72| MCKEE, TARA, US
|72| ZHAO, BILIE, US
|72| CAPE, JAMES, US
|72| LAUER, DAVID, US
|72| ZHANG, ALLEN, US
|72| LIVINGSTON, BLAIR, CA
|71| IEX GROUP, INC., US
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|41| 2014-03-20
|62| 2,871,322
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[54] **MATERIAUX COMPOSITES RECYCLES ET PROCEDES S'Y RAPPORTANT**
[72] WEYANT, KENNETH, US
[72] LILLY, DON, US
[72] ESSES, LUDLOW, US
[71] GFSI GROUP LLC, US
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[25] EN
[54] **BULKHEAD ASSEMBLY HAVING A PIVOTABLE ELECTRIC CONTACT COMPONENT AND INTEGRATED GROUND APPARATUS**
[54] **ENSEMBLE CLOISON COMPORTANT UN COMPOSANT DE CONTACT ELECTRIQUE PIVOTANT ET DISPOSITIF DE MISE A LA TERRE INTEGRE**
[72] ETTSCHBERGER, CHRISTIAN, DE
[71] DYNAENERGETICS GMBH & CO. KG., DE
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[51] **Int.Cl. G01N 27/26 (2006.01)**
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[54] **SYSTEM AND METHOD FOR MEASURING AN ANALYTE IN A SAMPLE**
[54] **SYSTEME ET METHODE DE MESURE DE SUBSTANCE A ANALYSER DANS UN ECHANTILLON**
[72] CHATELIER, RONALD C., AU
[72] HODGES, ALASTAIR MCINDOE, AU
[72] NANDAGOPALAN, SANTHANAGOPALAN, US
[71] LIFESCAN, INC., US
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[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 9/48 (2006.01) A61K 31/519 (2006.01) A61K 47/14 (2017.01) A61K 47/20 (2006.01) A61K 47/38 (2006.01) A61P 35/00 (2006.01)**
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[71] PHARMACYCLICS LLC, US
[22] 2013-06-03
[41] 2013-12-12
[62] 2,875,986
[30] US (61/655,381) 2012-06-04

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[51] **Int.Cl. E05B 17/00 (2006.01) E05B 15/00 (2006.01)**
[25] EN
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[72] WELSBY, SCOTT D., US
[72] MALENKOVIC, PETER, US
[71] SCHLAGE LOCK COMPANY LLC, US
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[41] 2014-09-15
[62] 2,846,929
[30] US (61/793,214) 2013-03-15

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[71] KALEO, INC., US
[22] 2004-11-22
[41] 2006-06-01
[62] 2,891,057

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[13] A1
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[25] EN
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[54] **ASPIRATEUR**
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[22] 2016-09-30
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[62] 2,943,757
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[22] 2011-02-23
[41] 2011-09-01
[62] 2,919,825
[30] US (12/711,192) 2010-02-23

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MARASCO, JEAN-PAUL 2,934,714
MARAVICH, MILAN C. 2,842,320
MARCHILDON, LOUIS-FREDERIC 2,744,121
MARCUS, MICHAEL BERNARD 2,944,218
MARINI, REMO 2,738,115
MARISSEN, ROELOF 2,820,423
MARIUS PHARMACEUTICALS LLC 2,822,435
MARKOVIC, GORAN 2,898,024
MARONEY, DAVID R. 2,904,491
MARQUARDT, JASON 2,951,557
MARQUART, MICHAEL D. 2,806,063
MARS, CRAIG ANDREW 2,803,092
MARSH, ALLISON 2,951,648
MARSHALL, ANDREW 2,955,506
MARTIN, PETER C. 2,812,973
MARY KAY INC. 2,823,534
MASAYOSHI, TAKESHI 2,943,545
MASE, KOHEI 2,925,379
MASON, ROBERT T., JR. 2,921,216
MASRY, MARK 2,846,327
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 2,784,745
MASSAULT, LAETITIA 2,902,014
MATERIALISE N.V. 2,782,117
MATKOWSKI, JOE DANIEL 2,964,009
MATSUI, TOMOKO 2,736,321
MATSUNAGA, DAISUKE 2,945,460
MATSUNAGA, TAKESHI 2,945,460
MATSUURA MACHINERY CORPORATION 2,984,346
MATTHIESSEN, PETER 2,684,885
MAULDIN, CHARLES L. 2,849,768
MAURER, ERIC 2,793,878
MAURIN-PERRIER, PHILIPPE 2,871,978
MCCANN, STEPHEN 2,872,882
MCDONNELL, GERALD 2,803,168
MCIVER, TERRY 2,964,009
MCNEIL-PPC, INC. 2,809,050
MCWHERTER, CHARLES A. 2,859,686

MEADE, THOMAS	2,758,885
MEBRATU, AMARE	2,933,962
MEEHAN, BRIAN	2,733,672
MEERS, RYAN	2,789,890
MEEUSEN, RICHARD A.	2,662,394
MENG, XIANG-JIN	2,771,771
MENG, XIANGDONG	2,749,965
MENHEERE, DAVID	2,955,506
MERCIER, GREG	2,837,160
MERCK PATENT GMBH	2,808,540
MERRILL, DALE C.	2,763,206
MEUNIER, HUGO	2,962,846
MICHAELIS, MAXIMO GUSTAVO	2,898,502
MICHAUD, STEEVE	2,995,130
MICHEL, DAVID	2,844,522
MICHELMANN, KARSTEN	2,791,627
MICROSOFT TECHNOLOGY LICENSING, LLC	2,846,505
MIFFLIN, RICHARD T.	2,791,642
MIKOL, VINCENT	2,698,203
MILAN CONCEPTION INC.	2,995,130
MILITZER, HANS-CHRISTIAN	2,832,123
MILLER, JEFFREY C.	2,755,192
MILLER, JONATHAN MATTHEW	2,764,237
MILLER, KEVIN BURKE	2,792,396
MILLER, MARK	2,789,891
MILLER, TRENT J.	2,882,696
MILLICAN, ROHN L., JR.	2,959,551
MILTIMORE, MIKE	2,973,444
MINER, PATRICE L.	2,846,505
MINNELLI, PATRICK J.	2,814,501
MITCHELL, IAN	2,941,246
MIYOSHI, MANABU	2,925,379
MOAN, JOHAN E.	2,718,906
MODUMETAL, INC.	2,764,887
MOLLERS NORTH AMERICA, INC.	2,812,973
MOLYNEUX, JAMES	2,929,927
MONAHAN, ROBIN F.	2,972,984
MONKS, DEBORAH J.	2,882,696
MONOT, FREDERIC	2,805,605
MONTEMURRO, MICHAEL PETER	2,872,882
MONTGOMERY, KEVIN M.	2,814,501
MOON, KYOUNGSOO	2,933,608
MORAD, BLAIR	2,898,740
MORAN, ANTHONY	2,878,318
MORGAN, RICHARD GARY	2,972,888
MORGAN, STEPHEN RICHARD	2,831,492
MORIKAWA, SHIGEYASU	2,975,244
MOSHAL, MARTIN PAUL	2,890,815
MOSLEY, HAROLD THOMAS	2,741,889
MOTOROLA SOLUTIONS, INC.	2,882,696
MUELLER INTERNATIONAL, LLC	2,741,889
MUELLER, NIKOLAUS	2,743,067
MULLER, HARTWIG	2,832,123
MULLICK, SANJOY	2,735,442
MULLIN, MARTIN	2,922,280
MULTRUS, MARKUS	2,898,575
MUNNECKE, JOE	2,792,374
MURA, EMANUELA	2,797,315
MURGATROYD, ADRIAN	2,806,856
MY MANTRA S.R.L.	2,852,993
MYONG, INHO	2,815,784
NA, SONGQING	2,959,551
NABORS DRILLING TECHNOLOGIES USA, INC.	2,941,463
NAGANO, SHUJI	2,911,594
NAGEL, CHARLES BRENTON	2,829,665
NAIR, VINITA V.	2,939,294
NAKAGAKI, YOSHIHIRO	2,925,379
NAKAGAWA, MASATO	2,770,412
NAKANO, KOUJI	2,806,118
NARAKATHU, BINU BABY	2,930,837
NARVA, KENNETH	2,758,885
NATIONAL OILWELL VARCO UK LIMITED	2,775,215
NAYLOR, MATTHEW STUART	2,851,183
NESTEC S.A.	2,792,396
NESTEC S.A.	2,842,936
NETI, VENKATA PRASANTH SUMAN	2,899,726
NEUHAUSER, ALAN	2,896,096
NEW JERSEY MACHINE INC.	2,763,206
NEWMAN, BENJAMIN KEITH	2,910,823
NGUYEN, GARY	2,937,760
NGUYEN, KHOI DINH	2,942,294
NGUYEN, STEVEN	2,809,065
NICOVENTURES HOLDINGS LIMITED	2,922,280
NIELSEN, KRISTIAN P.	2,718,906
NIKE INNOVATE C.V.	2,815,191
NIKE INNOVATE C.V.	2,929,927
NINGBO FOTILE KITCHEN WARE CO., LTD	2,934,977
NIPEN, OLE PETTER	2,940,531
NIPPON STEEL & SUMITOMO METAL CORPORATION	2,806,552
NISBET, LORRAINE	2,760,381
NISSHIN STEEL CO., LTD.	2,975,244
NIWA, JUNICHI	2,925,379
NOERGAARD, ALLAN	2,736,321
NOISETTE, PHILIPPE	2,796,548
NORTHUP, ERIC R.	2,853,050
NOVAK, MARK A.	2,951,557
NOVAMONT S.P.A.	2,775,176
NOVAMONT S.P.A.	2,820,778
NOVAVAX INC.	2,817,005
NOVER, CHRISTOPH	2,806,146
NOVILCO INC.	2,810,111
NOVINIUM, INC.	2,717,404
NOVOCURE LIMITED	2,611,398
NOVOZYMES A/S	2,736,321
NP AEROSPACE LIMITED	2,878,318
NYLOK LLC	2,972,984
OESTERLE, JORG JOHANNES	2,872,307
OH, SEJIN	2,933,608
OHIO STATE INNOVATION FOUNDATION	2,924,249
OJO, ADEOLA	2,810,594
OJO, ADEOLA	2,814,745
OK ENGINEERING CO., LTD.	2,945,460
OKABE, TAKATOSHI	2,877,610
OKITA, KEISUKE	2,770,412
OLARU, DAN	2,738,115
OLIGINO, THOMAS	2,698,203
OLSON, ERIK	2,767,310
OLSON, JOHN A.	2,723,665
OLSON, JOHN A.	2,740,374
OMEGA FLEX, INC.	2,789,891
ONYX THERAPEUTICS, INC.	2,791,778
ORACLE INTERNATIONAL CORPORATION	2,652,111
ORR, STEVEN K.	2,938,364
OSAKA PREFECTURE UNIVERSITY	2,718,214
OSBORNE, BERNIE B.	2,933,646
OSBORNE, STEVEN R.	2,933,646
OSRAM AG	2,771,388
OSRAM OPTO SEMICONDUCTORS GMBH	2,771,388
OXFORD NANOPORE TECHNOLOGIES LIMITED	2,708,624
OXFORD, PHILIP JAMES	2,805,423
OZASA, TOMOYUKI	2,807,637
OZTURK, OZCAN	2,927,796
PAGOULATOS, NIKOLAOS	2,796,067
PALADINO, JASON J.	2,842,320
PALLE, VENKATA	2,755,117
PALMER, ANTHONY	2,647,474
PALMER, THOMAS R.	2,757,098
PALTI, YORAM	2,611,398
PANMAND, ANIL	2,755,117
PAOLI, ALBERT	2,835,358
PAOLI, EDOUARD	2,835,358
PAOLI, JEAN	2,835,358
PAOLI, MYRIAM	2,835,358
PAPASAKELLARIOU, ARIS	2,817,003
PAPERNO, STEVEN	2,904,868
PAQUES I.P. B.V.	2,804,257
PARE, STEEVE	2,800,966
PAREEK, ALOK	2,652,111
PARGAONKAR, NIKHIL	2,753,057
PARIPATI, PRAVEEN	2,680,790
PARK, BRIAN V.	2,898,502
PARK, BYEONG-HUN	2,862,791
PARKER HANNIFIN CORPORATION	2,814,725
PARKER, KENNY RANDOLPH	2,807,941
PARKER, TIMOTHY	2,796,437
PARRISH, JAY P.	2,804,840
PARROTT, ROBERT A.	2,823,127
PASCARELLA, NATALIE	2,933,962
PASCHON, DAVID	2,749,965
PATCHTEK INC.	2,840,907
PATEL, MEENA	2,755,117
PATEL, RAJ	2,937,960
PATRICK, CHARLES	2,941,463
PATTARINO, FRANCO	2,797,315
PATTON, DOUGLAS	2,956,682
PCION, DOMINIKA	2,878,699
PEARSON, DANA LAUREN	2,951,481
PEKALA, RICHARD W.	2,780,388
PELICAN INTERNATIONAL INC.	2,979,855
PENNER, AMY L.	2,805,423

PENNINGS, BERT 2,871,286
PEPTINNOVATE LIMITED 2,713,095
PERELLA, DANIEL V. 2,901,099
PERRAULT, DONALD FRANCIS, JR. 2,898,740
PERRIER, MATTHIEU 2,934,714
PERVAN, DARKO 2,834,228
PETERS, JAN GEORG 2,832,123
PEUCHOT, FLORIAN 2,806,552
PFIZER INC. 2,878,054
PHASIVONGSA, PASIT 2,701,778
PHILLIPS, GRANT WESLEY 2,925,342
PICKL, MARLENE 2,780,692
PIEDMONT, GREGORY 2,768,113
PIOTROWICZ, ALEXANDRA 2,735,442
PLASCENCIA, FRANK TAMAYO, JR. 2,828,730
PONS GONZALEZ, CARLES 2,848,811
POON, FERDINAND 2,794,518
PORTIG, HARALD 2,910,823
PRABAKARAN, KANAPATHIPILLAI 2,818,856
PRAKASH, RAJAT 2,927,796
PRATT & WHITNEY CANADA CORP. 2,738,115
PRATT & WHITNEY CANADA CORP. 2,955,506
PRENSNER, JOHN 2,818,486
PRIEN, JUSTIN LEIGH 2,880,539
PRINS, RIENK 2,804,257
PROFITLICH, THOMAS 2,819,039
PURI, ATUL 2,931,419
PUTTEN VAN, KOEN 2,820,423
PYROTEK, INC. 2,771,157
QIAGEN 2,764,237
QIN, XIAO-FENG 2,680,129
QUALCOMM INCORPORATED 2,856,991
QUALCOMM INCORPORATED 2,927,796
QUANCI, JOHN FRANCIS 2,880,539
QUICK, RICHARD 2,939,315
QVINCI SOFTWARE, LLC 2,829,665
RABBANI, ELAZAR 2,732,013
RAE, CAMERON FRANCIS 2,802,460
RAINA, RAJAT 2,966,826
RAK, JANUSZ 2,733,672
RAMAN, KRISHNA 2,692,355
RAMDAS, VIDYA 2,755,117
RAO, KRIPA 2,680,790
RAU, HARALD 2,769,340
RAY, ADRIAN S. 2,804,840
RAY, MICHAEL B. 2,791,642
RAYTHEON COMPANY 2,908,237
RECKITT BENCKISER VANISH B.V. 2,824,718
RECOR MEDICAL, INC. 2,779,386
REDDY, B. R. 2,933,962
REEDER, RYAN 2,888,365
REHRIG PACIFIC COMPANY 2,767,549
REHRIG PACIFIC COMPANY 2,789,890
REID, STUART WILLIAM 2,708,624
REID, TERENCE ALAN 2,708,624
REMONDIS PRODUCTION GMBH 2,817,885
RENAUD, JOSEPH 2,766,462
RENNARD, DAVID C. 2,757,098
RESCH, ANDREAS 2,872,307
RESURRECCION, FERMIN P., JR. 2,951,481
RETHY, CSABA L. 2,743,402
REY, CEDRIC 2,842,936
RHEINBERGER, VOLKER 2,851,577
RHODIA CHIMIE 2,560,183
RICHARD, BENNETT M. 2,947,680
RICHEY, JOSEPH B., II 2,866,716
RICOH COMPANY, LTD. 2,914,226
RIES, CAROLA 2,780,692
RIFFO-VASQUEZ, YANIRA 2,713,095
RINAT NEUROSCIENCE CORP. 2,919,583
RINGCENTRAL, INC. 2,883,170
RITCHEY, ERIC R. 2,900,018
RITZBERGER, CHRISTIAN 2,851,577
ROBERTS, BRIAN K. 2,859,686
ROCHE GLYCART AG 2,807,243
RODGERS, BRADLEY THOMAS 2,880,539
RODRIGUEZ, DIANA 2,797,128
ROGERS, LESCO L. 2,821,260
ROGERS, MATTHEW LEE 2,910,823
ROHART, EMMANUEL 2,560,183
ROMEDER-FINGER, STEFAN 2,684,885
ROMO HUALDE, ANA 2,789,518
RONCAROLO, MARIA GRAZIA 2,598,631
ROPPO, JUHA 2,871,816
ROSEMOUNT INC. 2,923,159
ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG 2,878,970
ROSENBUSCH, RICARDO 2,729,080
ROTTHAEUSER, BAERBEL 2,740,685
ROWE, MATHEW DENNIS 2,939,429
RUD, JASON HAROLD 2,923,159
RUETSCH, NORMAN 2,698,203
RUSSAK, ZEEV 3,008,989
RYDALL, JOHN 2,754,772
RYTLEWSKI, GARY L. 2,823,127
RYZHIKOV, GENNADY 2,718,906
SAHA, GOPAL CHANDRA 2,859,686
SAINT-GOBAIN GLASS FRANCE 2,902,014
SAKAI, KIYOSHI 2,895,855
SAKAI, KIYOSHI 2,895,856
SAKAMOTO, TAKASHI 2,943,545
SALERNO, LUIGI 2,807,426
SALIBA, CHARBEL 2,771,157
SALTIGO GMBH 2,743,067
SAMSUNG ELECTRONICS CO., LTD. 2,817,003
SAMUEL, ROBELLO 2,910,247
SAMUEL, ROBELLO 2,914,270
SAMUELSSON, MAGNUS 2,857,596
SAN RAFFAELE S.R.L. 2,598,631
SANDERS, JASON T. 2,715,927
SANGAMO THERAPEUTICS, INC. 2,749,965
SANGAMO THERAPEUTICS, INC. 2,755,192
SANGHERA, GURDIAL SINGH 2,708,624
SANKAR, SRIRAM 2,966,826
SANKER, LOWELL ALAN 2,923,649
SANOFI-AVENTIS 2,698,203
SANOFI-AVENTIS DEUTSCHLAND GMBH 2,740,685
SANOFI-AVENTIS DEUTSCHLAND GMBH 2,769,340
SANTINI, JOHN 2,862,443
SAPP, DAVE 2,951,648
SAREEN, KUNDAN LAL 2,939,294
SAREN, MATTI 2,871,816
SARNOFF, BRAD 2,937,960
SARNOFF, NORTON 2,937,960
SARPEN, JACOB PETER 2,880,539
SASOL TECHNOLOGY (PROPRIETARY) LIMITED 2,889,131
SATISLOH AG 2,785,908
SAUBERN, SIMON 2,811,952
SAUDI ARABIAN OIL COMPANY 2,806,118
SAVINI, GIUSEPPE 2,820,778
SCARLESKI, WILLIAM J. 2,912,008
SCAVONE, TIMOTHY ALAN 2,923,649
SCHAEFER KALK GMBH & CO. KG 2,806,146
SCHALL, CONSTANCE ANN 2,680,790
SCHARF, BRYAN CHRISTOPHER 2,910,823
SCHATZ, WAYNE FREDERICK 2,828,730
SCHIELE, GEORG 2,878,970
SCHIFFER, ALFRED 2,817,885
SCHILLER, MARC 2,804,077
SCHLUMBERGER CANADA LIMITED 2,823,127
SCHMIDT, HOLGER 2,807,176
SCHMIDT, SEBASTIAN 2,902,014
SCHMITZER, PAUL R. 2,925,262
SCHNELL, URBAN 2,752,531
SCHOBER, UWE 2,909,872
SCHOPFER, FRANCISCO J. 2,769,624
SCHREINER, JEFFREY 2,723,665
SCHROECK, STEVEN JAMES 2,909,872
SCHURIG, HARTMUT (DECEASED) 2,808,748
SCHWARTZ, LIAT 2,754,174
SCHWARTZE, CORINNA 2,940,531
SCHWARTZE, SASCHA 2,940,531
SCHWARZ, HANS-PETER 2,684,885
SCHWITZER, KARL 2,819,039
SCHWITZER, MANFRED 2,819,039
SCION NEUROSTIM, LLC 2,821,260
SCORRANO, LUCIO 2,842,936
SCOTT, BRANDI M. 2,892,049
SEAMAN, KEITH 2,910,823
SEBASTIAN, RICHARD LEE 2,753,197
SEDOGLAVICH, NEMANYA 2,898,740
SEEBER, STEFAN 2,780,692
SEHL, LOUIS C. 2,701,778
SENKBEIL, GEORGE 2,775,215
SENOMYX, INC. 2,952,660
SEO, NEUNGSEON 2,959,551
SESSA, EUGENE D. 2,972,984
SEVIM, NICKY 2,866,710

SHARPE, JOHNATHAN CHARLES 2,898,740
SHEELEY, JOHN 2,861,617
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,823,269
SHELTON, FREDERICK E., IV 2,806,355
SHLONSKY, LYNNE 2,951,648
SHOTTON, VINCENT 2,916,467
SHUEY, KENNETH C. 2,921,216
SIBIET, FABRICE 2,790,274
SIDDALL, THOMAS L. 2,925,262
SIEDENBURG, CLINTON T. 2,796,067
SIEMENS AKTIENGESELLSCHAFT 2,770,449
SIEMENS AKTIENGESELLSCHAFT 2,943,582
SIEMENS INDUSTRY, INC. 2,901,344
SIEMENS, EDUARD 2,915,487
SIG TECHNOLOGY AG 2,807,176
SILVERNAIL, CARTER 2,767,310
SIMMS, MATTHEW J. 2,873,116
SIMOLA, JUHA 2,862,189
SIMPLICITY WORKS EUROPE, S.L. 2,851,167
SIMS, GRANT T. 2,715,927
SINGER, DAVID W. 2,931,419
SINGH, RAJEEVA 2,761,959
SINGH, SHALENDRA 2,787,995
SINPHAR TIAN-LI PHARMACEUTICAL CO., LTD. (HANGZHOU) 2,949,569
SISNEY, BRENT L. 2,908,237
SISTA, SUBRAHMANYAM SURYA VENKATA 2,972,888
SITES, O. ANGUS 2,857,131
SITKA, MARK A. 2,937,760
SJOHOLM, PAUL FREDRIC 2,852,519
SKOV, LARS KOBBEROEE 2,736,321
SKY WINDPOWER CORPORATION 2,837,160
SLING MEDIA INC. 2,888,230
SMART MEDICAL SYSTEMS LTD. 2,618,492
SMILICS TECHNOLOGIES, S.L. 2,848,811
SMITH & NEPHEW, INC. 2,808,090
SMITH, CHRISTOPHER JAMES 2,740,685
SMITH, DANIEL J. 2,809,065
SMITH, DOUG 2,758,885
SMITH, GALE 2,817,005
SMITH, LANTY L. 2,821,260
SOBOLEWSKI, ZBIGNIEW 2,937,760
SOKOLOWSKI, SUSAN L. 2,815,191
SOLARIS OILFIELD SITE SERVICES OPERATING LLC 2,964,009
SOLGAARD, OLAV 2,793,452
SOLOMON, JOHN VERNON 2,754,772
SOLOVEY, DMITRIY ALEXANDROVICH 2,883,170
SOLYSTIC 2,953,764
SOMMERSTEN, ENDRE R. 2,718,906
SONGRAS, DONALD R. 2,717,404
SONNENDORFER, HORST 2,927,523
SONNENMOSER, ASTRID 2,844,522
SOUCY INTERNATIONAL INC. 2,744,121
SOUCY INTERNATIONAL INC. 2,860,966
SOUTHWIRE COMPANY, LLC 2,735,611
SOWDEN, HARRY S. 2,809,050
SPARBIER, KATRIN 2,791,627
SPARKS, RICHARD B. 2,743,975
SPEIDEL, HANNES 2,819,933
SPICER, WADE 2,943,136
SPIETH, ARNULF 2,872,307
SPRATT, RAY STEVEN 3,000,575
SPRINT COMMUNICATIONS COMPANY L.P. 2,942,294
SPROSS, RONALD L. 2,937,760
SPROUL, RODNEY EVAN 2,910,823
ST-PIERRE, ISABELLE 2,810,111
ST-PIERRE, MICHEL 2,810,111
ST. GEORGE-HYSLOP, PETER H. 2,814,737
ST. JUDE MEDICAL COORDINATION CENTER BVBA 2,857,596
STADLWIESER, CLARENCE P. 2,933,646
STAMNES, JAKOB J. 2,718,906
STAMNES, KNUT 2,718,906
STAUB, ANDREA J. 2,815,191
STAVROPOULOS, JOHN 2,896,096
STELLINGWERFF, TRENT 2,792,396
STEPAN, ANTONIA FRIEDERIKE 2,878,054
STETTNER, CAMERON WADE 2,851,183
STICKLER, VANTRESA 2,497,286
STIRLAND, SIMON JOHN 2,803,201
STOTHARD, DAVID JAMES MARK 2,802,460
STRAIT, BRIAN 2,951,557
STRICKLEN, RICHARD 2,958,869
STRONG INDUSTRIES, INC. 2,943,136
STROP, PAVEL 2,919,583
STUPAR, JEFFREY M. 2,972,984
SUBRAMANIAN, RAMACHANDRAN 2,856,991
SUESS, MICHAEL JOSEF 2,770,449
SUGANIT SYSTEMS, INC. 2,680,790
SUNCOKE TECHNOLOGY AND DEVELOPMENT LLC 2,880,539
SUND, JULIUS 2,903,498
SUPERIOR INDUSTRIES INTERNATIONAL, INC. 2,958,869
SVEDBO, ANDERS 2,803,301
SWANSON, KEVIN DAVID 2,903,498
SWITZER, ADRIAN GREGORY 2,923,649
SYNIMMUNE GMBH 2,859,767
SYNTHES USA, LLC 2,803,262
SYSTAGENIX WOUND MANAGEMENT, LIMITED 2,760,381
SZYMCZAK, CHRISTOPHER E. 2,809,050
T & E PUMPS LTD. 2,870,963
TAKAMORI, YUUICHI 2,806,118
TAKEYAMA, MAKOTO 2,911,594
TALBOT, JOHN 2,951,648
TAM, THOMAS Y. 2,797,961
TAMBAY, ROGER 2,962,846
TAN, PAMELA 2,690,674
TAN, SIYUAN 2,749,965
TANIS, STEVEN P. 2,796,437
TARASOVA, ELENA N. 2,823,127
TARTIBI, MEHRDAD 2,770,449
TATZEL, FRANK 2,878,970
TAULU, SAMU 2,862,189
TAYLOR, CURTIS PATRICK 2,901,099
TAYLOR, THOMAS MORIZ 2,741,889
TCHAMGOUE, HERVE 2,872,307
TE CONNECTIVITY CORPORATION 2,815,784
TEIJIN FRONTIER CO., LTD. 2,813,187
TELEDYNE CARIS, INC. 2,846,327
TEPPER, ROBERT I. 2,862,443
TERADA, RURIKO 2,943,172
TERLIUC, GAD 2,618,492
TESSENDERLO KERLEY, INC. 2,832,168
THALES CANADA INC. 2,934,474
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DOW GLOBAL TECHNOLOGIES LLC 3,015,675
DOW SILICONES CORPORATION 3,015,244
DOWNIE, PATRICK 3,015,231
DRANE, MARK R. 3,015,209
DREXL, TOBIAS 3,015,145
DU-THUMM, LAURENCE 3,015,452
DU-THUMM, LAURENCE D. 3,009,144
DUNN, STEVEN BRYAN 3,015,677
DUQUETTE, TAMMY 3,015,018
DYER, SEAN RILEY 3,015,521

EATON INTELLIGENT POWER LIMITED 3,015,023
EBERLEIN, MARTIN 3,015,003
EBIHAMA, NOBUHISA 3,015,441
ECOLAB USA INC. 3,015,497
ECOLAB USA INC. 3,015,637
EDDING, JACOB 3,015,301
EDEN, ERAN 3,015,043
EDEN, ERAN 3,015,046
EDGAR, JON 3,015,361
EDWARD, GILES 3,014,955
EDWARDS LIFESCIENCES CORPORATION 3,015,373
EDWARDS, STEPHEN 3,015,600
EDWARDS, STEPHEN 3,015,636
EDWARDS, STEPHEN 3,015,672
EDX TECHNOLOGIES, INC. 3,015,164
EHARA, YASUHIRO 3,015,169
EHARA, YASUHIRO 3,015,441
EHRLICHMANN, JESSICA KATHRYN 3,015,339
EHRLICHMANN, JESSICA KATHRYN 3,015,362
EILERTSEN, BJORN 3,015,010
EISOLD, GERD 3,015,027
EKLIND, MARTIN 3,015,601
ELDIC, FILIP 3,015,384
ELDIC, FILIP 3,015,387
ELETRABI, HAITHAM 3,015,114
ELI LILLY AND COMPANY 3,015,398
ELLIOTT, DEAN 3,015,359
ELLIOTT, RYAN STEVEN 3,015,319
ELSABEE, KYLE 3,015,212
ENDAL, GEIR 3,015,507
EQUALITY COSMETICS, INC. 3,013,931
EQUINOR ENERGY AS 3,015,507
ERAEY AB 3,015,065
ERLEBACHER, JONAH 3,015,076
ETHELL, DOUGLAS WAYNE 3,015,490
EUTENEUER, CHARLES L. 3,015,372
EWAB ENGINEERING AB 3,015,020
EWERT, TRAVIS D. 3,015,628
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 3,015,142
EYESERV GMBH 3,015,128
F.P. BOURGAULT TILLAGE TOOLS LTD. 3,015,214
FABRIZIO, DAVID 3,015,528
FACEBOOK, INC. 3,015,198
FANDL, JAMES P. 3,015,371
FANDL, JAMES P. 3,015,389
FARAVELLI, MASSIMO 3,015,460
FARINELLI, WILLIAM A. 3,015,616
FASS, GENE TIMOTHY 3,015,505
FAST, JONATHAN 3,015,497
FAULKNER, DANIEL J. 3,015,532
FAZIO, PAUL 3,015,168
FEDORAK, BRYAN NEIL STEPHEN 3,015,301
FELBER, ARMIN 3,015,141
FELICITO, KATHRYN 3,015,157
FELS, MICHAEL 3,014,994
FENG, PENGCHAO 3,002,263
FERNANDEZ-PRIETO, SUSANA 3,015,518
FERRARI, MASSIMO 3,015,467
FERROFACTA GMBH 3,015,242
FETVEDT, JEREMY ERON 3,015,321
FICQUENET, MARJORIE 3,014,987
FILLIO, THOMAS D. 3,015,629
FINANCIERA MADERERA, S.A. 3,015,283
FINE, GREGG 3,015,528
FINN, ANDREW 3,015,488
FISCHER, ANDREW 3,015,469
FISCHER, ANTON HUBERT 3,014,959
FISCHER, HANS CHRISTIAN 3,014,959
FLEGEL, MITCHEL 3,015,560
FLEMMING, JEB H 3,015,525
FLETCHER, KRISTIN 3,015,342
FLEURY, MELISSA 3,015,505
FLUOR TECHNOLOGIES CORPORATION 3,015,351
FOKTA, FRANK 3,015,074
FONTAINE HOLDINGS NV 3,015,539
FONTAINE HOLDINGS NV 3,015,540
FORNETIX LLC 3,015,600
FORNETIX LLC 3,015,636
FORNETIX LLC 3,015,672
FORREST, BROCK ALAN 3,015,050
FORSBLOM, RICKARD 3,015,005
FORSBLOM, RICKARD 3,015,045
FOSTER, NORMAN 3,015,158
FOUNDATION MEDICINE, INC. 3,015,528
FOX, ANDREW R. 3,015,562
FRACASSI, CRISTIAN 3,015,302
FRAMATOME GMBH 3,015,130
FRAMPTON, GARRETT M. 3,015,528
FRANCA, MARCOS P. 3,015,675
FRANK, MARKUS 3,015,018
FRANK, WILLIAM 3,015,344
FRASER, GRAEME K. 3,015,414
FRASER, GREGORY A. 3,015,414
FRED HUTCHINSON CANCER RESEARCH CENTER 3,015,369
FREER, BENJAMIN AVERY 3,015,023
FRENZEL, STEFAN 3,015,143
FRESENIUS KABI DEUTSCHLAND GMBH 3,015,009
FRESENIUS MEDICAL CARE HOLDINGS, INC. 3,015,254
FROLUND PEDERSEN, GERT 3,015,108
FUJII, TERUYA 3,015,317
FUJITA, HIDENORI 3,015,484
FUJITA, SHINYA 3,015,459
FUJITSU LIMITED 3,015,596
FULKERSON, BARRY NEIL 3,015,254
FUNAKOSHI, HAJIME 3,015,324
FURUICHI, SHO 3,015,064
GAAL, PETER 3,015,382
GABRIEL, HERBERT 3,015,681
GABRIEL, STEPHAN 3,015,009
GABRIELE, PETER D. 3,015,510
GADDAM, BAPU 3,015,483
GADOULEAU, ELISE 3,015,482
GAI, SHUN 3,013,412
GALESKA, IZABELA 3,015,357
GALLOWAY, MARGARET 3,015,226
GAN, MING 3,015,425
GANDHAPUDI, SIVA K. 3,005,251
GANLY, MARK 3,015,017
GAO, BAIYUAN 3,015,653
GAO, YIHAN 3,015,236
GARDNER, GARY C. 3,015,600
GARDNER, GARY C. 3,015,672
GARIBYAN, LILIT 3,015,616
GARNER, LOUIS D. 3,015,621
GARTNER, THOMAS 3,015,255
GASKEY, BERNARD 3,015,076
GAUGHAN, EDWARD W. 3,015,655
GAY, ANDREW 3,015,532
GEHART, HELMUTH 3,015,026
GEICK, VOLKER 3,015,541
GEIER, MICHAEL 3,015,526
GELLIFEX HOLDINGS, LLC 3,015,016
GENENTECH, INC. 3,015,528
GENERAL CABLE TECHNOLOGIES CORPORATION 3,014,987
GENERAL ELECTRIC TECHNOLOGY GMBH 3,015,588
GENERAL EQUIPMENT AND MANUFACTURING COMPANY, INC. D/B/A TOPWORX, INC. 3,015,310
GEODYNAMICS, INC. 3,015,333
GEORG, ALEXANDER L. 3,015,364
GEORGE, KEVIN R. 3,015,333
GEORGIA-PACIFIC GYPSUM LLC 3,014,729
GETTS, DANIEL R. 3,015,074
GEVA, MICHAL 3,015,512
GEWEHR, MARKUS 3,015,456
GHOSH, SHUBHAJIT 3,015,229
GIBSON, TIMOTHY W. 3,015,235
GIESELMAN, MATTHEW D. 3,015,620
GILBRIDE, MATTHEW I. 3,015,385
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GILL, BRIJESH S. 3,015,517
GILLAN, COLIN 3,015,343
GILLESSEN, STEPHAN 3,015,133
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GINMAN, TOBIAS 3,015,045
GIORDANENGO, GIORGIO 3,015,040
GIORDANO, DANIEL 3,015,364
GLADDEN, LYNN FAITH 3,015,233
GLEAVE, LAURA 3,015,482
GLYTECH, INC. 3,015,193
GOEDEKE, STEVEN D. 3,015,372
GOELET, JOHN 3,015,471
GOISHIHARA, SATOSHI 3,006,179
GOLDBERG, MANIJEH NAZARI 3,015,172
GOLDWITZ, BRIAN 3,015,645
GOLOVINSKY, EUGENE 3,015,638
GOMEZ OCARANZA, CESAR PATRICIO 3,015,574
GOODWIN, FREDERICK R 3,015,272
GOODWIN, GLEN R. 3,015,521
GORAL, DAVID J. 3,015,157

GORMAN, SHAVELL 3,015,250
GOURGUECHON, STEPHANE B. 3,015,360
GOWDA, RAJU BORE 3,015,483
GOYAL, RAJESH 3,015,487
GRADLEY, MICHELLE LORRAINE 3,015,081
GRAF SYNERGY S.R.L. 3,015,476
GRAY, BENJAMIN NEIL 3,014,988
GRAY, BRIAN G. 3,015,608
GRAYBILL, MYLES 3,015,446
GREEN, BRIAN MICHAEL 3,015,081
GREER, KARL E. 3,015,659
GREER, KARL E. 3,015,666
GREIG, DAVID 3,015,469
GREYTER WATER SYSTEMS INC. 3,015,230
GREYTER WATER SYSTEMS INC. 3,015,264
GRINBERG, ASYA 3,015,277
GRISWOLD, RYAN C. 3,015,376
GROESELING, MIRCO 3,015,263
GRONLUND, PATRICK JEROME 3,015,339
GRONLUND, PATRICK JEROME 3,015,362
GROOME, CAMERON L. 3,015,322
GRUEEBLER, RETO 3,015,612
GRUNENTHAL GMBH 3,015,420
GRUNKEMEIER, UWE 3,015,039
GRUPPO GIMOKA S.R.L. 3,015,460
GUAY, SERGE 3,008,937
GUCKEL, CHRISTIAN 3,015,414
GUIDA, VINCENZO 3,015,518
GUILLEMANT, MARILYNE 3,015,245
GUMLICH, KAI 3,015,143
GUNTURU, PRABHAKAR RAO 3,015,309
GUNZEL SAINT UPERY, ELISE 3,015,106
GUO, HUIHUI 3,013,412
GUO, LI 3,015,229
GUO, ZHAOCHEN 3,014,995
GUO, ZHIXIANG 3,013,412
GUPTA, MANJU 3,015,250
GUPTA, SUNIL KUMAR 3,015,025
GUPTA, SUPARNA 3,015,483
GUYON, DANIEL 3,015,075
GVBB HOLDINGS, S.A.R.L. 3,015,579
HACKETT, SAM D. 3,015,350
HAGE, RONALD 3,013,690
HAINES, RODERICK ANDREW 3,015,379
HAKANSON, ERIC WALTER 3,015,253
HAKENBERG, PETER 3,014,018
HALDOR TOPSOE A/S 3,015,144
HALL, HEIDI LEISING 3,015,210
HALLIBURTON ENERGY SERVICES, INC. 3,014,985
HALLIBURTON ENERGY SERVICES, INC. 3,015,132
HALLIBURTON ENERGY SERVICES, INC. 3,015,534
HALLIBURTON ENERGY SERVICES,INC. 3,015,229
HALVORSEN, SEAN 3,015,351
HAMER, MAURICE JOSEPH 3,015,029
HAMMERTON, IAN 3,015,289
HAMPTON, BRIAN 3,015,310
HANCOCK, CHRISTOPHER 3,015,182
HANCOCK, CHRISTOPHER PAUL 3,015,185
HANEY, FRED 3,015,351
HANGZHOU DAC BIOTECH CO., LTD. 3,013,412
HANSEN, CARL LARS GENGHIS 3,015,237
HANSON, WILLIAM R. 3,015,016
HAPPE, JEFF 3,015,177
HAPPIER CAMPER, INC. 3,015,073
HARDESTY, JOHN T. 3,015,333
HARDING, STEPHEN 3,015,296
HARI, ANITHA 3,015,483
HARMON, BUD 3,015,346
HARNESS, ERIC 3,015,360
HARPER, SCOTT QUENTON 3,015,633
HARPOLE, AARON 3,015,480
HARRELL, CARL RANDALL 3,015,670
HARRIMAN, GERALDINE C. 3,015,526
HARRIS, BRYAN C. 3,015,521
HARRIS, JEREMY J. 3,015,510
HASHIMOTO, TAKAFUMI 3,015,061
HASHIMOTO, TAKAFUMI 3,015,062
HATERILL, MARK 3,015,677
HAUSER, JONAS 3,015,028
HAUSER, JONAS 3,015,434
HAUSER, JONAS 3,015,594
HAYWARD, MATTHEW MERRILL 3,015,166
HAZANI, MIRON 3,015,306
HAZEL TECHNOLOGIES, INC. 3,015,174
HE, QINGLI 3,013,619
HEALTHSPANDX 3,015,509
HEATH, JEFFREY ABRAMSON 3,015,253
HEATH, KELLY P. 3,015,137
HECHLER, TORSTEN 3,015,138
HEDGES, JOHN FARRAR 3,015,534
HEGDE, PRITI 3,015,528
HEI, ROBERT D.P. 3,015,497
HEIDE, CARSTEN 3,015,504
HEIDELBERG PHARMA RESEARCH GMBH 3,015,138
HELAL, CHRISTOPHER JOHN 3,015,166
HELARY, CHRISTOPHE 3,015,030
HEMMATI, HOUMAN 3,012,660
HENION, JOHN DEGREE 3,015,627
HENKEL AG & CO. KGAA 3,015,541
HERDT, BRANDON L. 3,015,497
HERMANSON, DAVID 3,015,642
HERRICK, DAMIAN TANE 3,015,521
HERVIEUX, SEBASTIEN 3,015,294
HEUBACH, KLAUS 3,015,257
HIBBS, WILLIAM ALLEN, JR. 3,015,350
HIGH, DONALD R. 3,015,248
HIGHGATE, DONALD JAMES 3,015,282
HIGHGATE, DONALD JAMES 3,015,289
HIGUCHI, FUMI 3,015,464
HILL, ALYSSA C. 3,015,667
HILLS, ANDRIES ELIAS 3,015,604
HILTI AKTIENGESELLSCHAFT 3,015,145
HILTI AKTIENGESELLSCHAFT 3,015,270
HIRAKAWA, MANABU 3,006,179
HIRANO, SHIGERU 3,015,324
HIROSE, TOSHIYUKI 3,015,331
HO, WEI HSUAN 3,015,376
HOBBS, GARY 3,015,631
HOCK, MICHAEL 3,015,009
HODGETTS, KEVIN 3,015,345
HOESS, BERNHARD 3,015,572
HOFLACK, JAN MARIE CYRIEL JOZEF 3,015,430
HOGG, DAVID 3,015,461
HOGG, SUSAN 3,015,461
HOJLUND NIELSEN, POUL ERIK 3,015,144
HOLBROOK, MATTHEW D. 3,015,243
HOLERCA, NICK 3,015,452
HOLLAND, L.P. 3,015,207
HOLLENBECK, DONALD 3,015,016
HOLLER, EGGEHARD 3,015,121
HOLLISTER INCORPORATED 3,015,481
HOLLOSI, BRENT 3,015,075
HOLZER, FRANK 3,015,592
HONMA, NOBUYUKI 3,015,192
HOTZENDORFER, PATRICK 3,015,006
HOU, JILEI 3,015,251
HOUIN, CHRIS 3,015,680
HOUSTON, IAN 3,015,361
HOWARD, CLIFFORD, JR. 3,015,624
HOWLIN, BRENDAN 3,015,289
HPVVAX, LLC 3,015,519
HRP EQUESTRIAN LIMITED 3,015,536
HRP EQUESTRIAN LIMITED 3,015,537
HSIAO, YI-SING 3,014,998
HU, GUOPING 3,015,012
HU, QUBAI 3,015,127
HU, SIJUN 3,015,526
HU, XIAOPING 3,015,433
HUANG, ALEC 3,015,254
HUANG, WENYI 3,015,675
HUANG, YUANYUAN 3,013,412
HUAWEI TECHNOLOGIES CO., LTD. 2,991,359
HUAWEI TECHNOLOGIES CO., LTD. 3,015,425
HUBBELL INCORPORATED 3,015,337
HUBER SE 3,015,424
HUGHES, ADAM D. 3,015,505
HUMPHREY, RYAN THOMAS 3,014,985
HUNT, HAZEL 3,015,218
HUNTING TITAN, INC. 3,015,356
HURTADO MARTINEZ, ALICIA 3,015,530
HUTTON, RICHARD 3,015,448
HYNYNEN, KULLERVO HENRIK 3,015,001
ICHIKI, SATORU 3,015,049
IDAHO MILK PRODUCTS 3,013,563
IGARASHI HIROSHI 3,015,327
IGGINS, TONY 3,015,032
IGT GLOBAL SOLUTIONS CORPORATION 3,015,522
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IHI CORPORATION 3,015,192
IHI CORPORATION 3,015,468
IIDA, MASATOSHI 3,015,331
IMAKAWA, KAZUNARI 3,015,441
IMMUNE DESIGN CORP. 3,015,220
INDENA S.P.A. 3,015,119
INDIAN OCEAN MEDICAL INC. 3,015,238
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INGLE, JAMES 3,015,163
INOVIO PHARMACEUTICALS, INC. 3,013,718
INSCOPE MEDICAL SOLUTIONS, INC. 3,015,226
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INTERFACIAL CONSULTANTS LLC 3,015,359
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IOANNIDES, TIM 3,015,519
ION GEOPHYSICAL CORPORATION 3,015,668
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ISAAC, METHVIN 3,015,406
ISAAC, METHVIN 3,015,417
ISHIHARA SANGYO KAISHA, LTD. 3,015,201
ISINNOVA S.R.L. 3,015,302
ISLAM, MUHAMMAD NAZMUL 3,015,078
ISLAM, MUHAMMAD NAZMUL 3,015,533
ISSERLES, NORMAN 3,015,297
IVICS, ZOLTAN 3,015,139
IYER, SATISH 3,015,560
IYER, SRIDHAR RAMANATHAN 3,015,309
IZSVAK, ZSUZSANNA 3,015,139
JACKSON, JENNIFER ANNE 3,015,143
JAFARI, DENIZ 3,015,404
JAFFRAY, ALEXANDER RALPH LINO 3,015,319
JAFFRAY, DAVID A. 3,015,319
JAKKALA, VENKATESHWARLU 3,015,309
JAKOBSOHN, ELIJAH 3,015,196
JANDA, KIM D. 3,015,336
JANG, BEN K. 3,014,998
JANKOWSKI, PEGGY 3,015,260
JANNITTO, JOHN, JR. 3,015,136
JANSEN, BERND 3,015,175
JANTTI, JUSSI 3,015,440
JARMAN, JONATHAN P. 3,015,446
JARVIS, SIMON 3,015,491
JARVIS, SIMON 3,015,496
JAUSSAUD, RAOUL 3,015,217
JAVORSKY, EMILIA 3,015,616
JEDLINSKI, JAKUB JAN 3,015,103
JEFFERIES, WILFRED 3,015,392
JENSEN, MARTIN 3,014,363
JEONG, SEO YOUNG 3,015,605
JEPSON, JEFFREY B. 3,015,502
JEROMENOK, JEKATERINA 3,015,270
JESPERSEN, KLAVS 3,015,015
JG ENTREPRENEURIAL ENTERPRISES LLC 3,015,471
JIA, BIN 3,015,413
JIA, JUNXIANG 3,013,412
JIANG, GUIYANG 3,015,098
JIANG, JING 3,015,374
JIANGSU HENGRUI MEDICINE CO., LTD. 3,015,098
JIANGSU HENGRUI MEDICINE CO., LTD. 3,015,249
JINAN SHENGQUAN GROUP SHARE-HOLDING CO., LTD. 3,015,239
JLG INDUSTRIES, INC. 3,015,385
JOHN CRANE UK LTD. 3,015,495
JOHNSON, JAMES K. 3,015,285
JOHNSON, KEVIN DOUGLAS 3,015,677
JOHNSON, MIKALA 3,015,110
JOHNSTON, SHAWNA L. 3,015,553
JOLINE GMBH & CO. KG 3,015,027
JOLLEY, WILLIAM OWEN 3,015,380
JONES, DAVID 3,015,445
JONES, DAVID E. 3,015,475
JONES, MATTHEW ALLEN 3,015,248
JONES, PAUL 3,015,085
JONES, STEPHEN 3,015,355
JONES, WILLIAM K. 3,015,643
JONJIC, STIPAN 3,015,619
JORDAN, SUSAN L. 3,015,675
JORGENSON, SAMUEL C. 3,015,364
JOSEPH, BABU 3,015,406
JOSEPH, BABU 3,015,417
JOSHI, MANHER A. 3,015,349
JTSMCDP, LLC 3,015,606
JUNG, MIN SI 3,015,605
JUNG, THOMAS 3,015,572
KABECHE, TANINA 3,015,270
KABUSHIKI KAISHA NIHON MICRONICS 3,015,678
KADRI, ROMI 3,015,491
KADRI, ROMI 3,015,496
KAGEYAMA, KAZUHIRO 3,015,058
KAISER, EDWARD Q. 3,014,757
KAJIHARA, YASUHIRO 3,015,193
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KALJURA, KARL 3,014,886
KALJURA, KARL 3,014,887
KAMAE, TOSHIYA 3,015,334
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KARIMI, HAMED 3,015,034
KARIMIAN, POOYA 3,015,198
KARNY, AVISHAI 3,015,639
KATAYAMA, TSUTAKI 3,015,453
KATO, MASANORI 3,015,484
KATOH, TAKAHIRO 3,015,331
KATZ, STUART JEFFREY 3,015,308
KAUFMANN, CHRISTOPHER 3,015,139
KAYNAN, NOA S. 3,015,619
KEANE, MICHAEL F. 3,015,529
KEIDAR, YARON 3,015,373
KEMERLING, JAMES MARK 3,015,344
KEMIRA OYJ 3,015,597
KEMIRA OYJ 3,015,649
KENNEDY, JOSEPH 3,015,325
KEOUGH, MARTIN 3,005,251
KERRY, PHILIP STEPHEN 3,015,482
KERULIS, PATRICK 3,015,211
KHAN, ISAAC J. 3,015,529
KHAN, RAFIQUL 3,015,148
KHANNA, SATISH 3,015,432
KIGUCHI, SO 3,015,194
KIGUCHI, SO 3,015,195
KIKLY, KRISTINE 3,015,398
KIM, KYUNG HWAN 3,015,598
KIM, KYUNG HWAN 3,015,599
KIM, KYUNG HWAN 3,015,602
KIM, KYUNG HWAN 3,015,603
KIM, SEONG BO 3,015,203
KING, JONATHAN DAVID 3,015,337
KINKOPH, MATT 3,015,469
KINOSHITA, KOICHI 3,006,179
KISENWETHER, MICHAEL J. 3,015,487
KISSINGER, DREW 3,015,532
KLACAR, NEVEN 3,015,370
KLEINLEIN, PHILIPP 3,015,103
KLIEWER, CHRISTINE E. 3,015,142
KLOSTERMANN, MICHAEL 3,015,518
KNIP, ABRAM CHRISTIAAN 3,015,181
KNIP, ABRAM CHRISTIAAN 3,015,183
KNOLL, RICHARD 3,015,560
KO, BENJAMIN L. 3,015,529
KO, TONY H. 3,014,998
KOBLER, SEBASTIAN 3,015,572
KOBORI, AKIO 3,015,054
KOC UNIVERSITESI 3,015,079
KOEPKE, MICHAEL 3,015,665
KOERBER, KARSTEN 3,015,131
KOFFAS, MATTHEOS 3,015,513
KOHLE, HANS-JURGEN 3,015,518
KOHN, GARY ALLEN 3,014,985
KOHNKE, PATRICK 3,015,263
KOLTHAMMER, BRIAN 3,015,531
KOLYRIS, ANGELOS 3,014,990
KOMOREK, ANDREA 3,015,580
KONDA, KENJI 3,015,160
KONDOU, SATOSHI 3,015,315
KONDUC, KAMERON WAYNE 3,015,196
KONINKLIJKE DOUWE EGBERTS B.V. 3,015,181
KONINKLIJKE DOUWE EGBERTS B.V. 3,015,183
KONINKLIJKE DOUWE EGBERTS B.V. 3,015,187
KONINKLIJKE NEDERLANDSE AKADEMIE VAN WETENSCHAPPEN 3,015,026
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KOVACS, JASON R. 3,015,515
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KRAUS, RAY 3,015,152

KRAUSE, HANS-PETER 3,015,587
KRAUSE, JENS 3,015,587
KRISHNA, MURALI 3,015,370
KRONENFELD, GALI 3,015,043
KRONENFELD, GALI 3,015,046
KRUGER, JOACHIM 3,015,587
KRUPER, JACK, JR. 3,015,531
KRUSCH, MATHIAS 3,015,585
KUBO, KAZUYA 3,015,618
KUIVANEN, JOOSU 3,015,440
KULKE, MICHAEL 3,015,138
KUMAR, RAVINDRA 3,015,277
KUMAR, SANDEEP 3,015,250
KUMARAVEL, GNANASAMBANDAM 3,015,482
KUMIAI CHEMICAL INDUSTRY CO., LTD. 3,015,067
KUNTZAGK, STEFAN 3,015,255
KURTH, TODD 3,015,354
KURTH, WILLIAM G. 3,015,532
KUSIC, IGOR 3,015,242
KUTSUKI, TOMOHIRO 3,015,049
KYB CORPORATION 3,015,160
KYMETA CORPORATION 3,015,110
KYOTO PHARMACEUTICAL UNIVERSITY 3,015,054
KYOTO UNIVERSITY 3,015,054
KYRIACOU, PHILIPPOS 3,015,364
L&P PROPERTY MANAGEMENT COMPANY 3,015,228
L2R ENTERPRISES, LLC 3,015,340
LABAYE, THIERRY 3,015,586
LABROT, MICHAEL 3,015,171
LACHAPELLE, ERIK ALPHIE 3,015,166
LACHAPELLE, JOHN 3,015,202
LACHAPELLE, JOHN R. 3,015,075
LACHER, MARKUS DANIEL 3,015,080
LAFOUNTAIN, ROBERT L. 3,015,310
LAINE, SCOTT 3,015,503
LAKE, THOMAS 3,015,127
LAKGHOMI, BABAK 3,015,264
LAM, WILLIAM Y. 3,015,342
LAM, WING FAI 3,015,431
LANDMARK GRAPHICS CORPORATION 3,015,609
LANDMARK GRAPHICS CORPORATION 3,015,653
LANDOWSKI, CHRISTOPHER 3,015,440
LANG, JONATHAN P. 3,015,491
LANGEWALD, JUERGEN 3,015,131
LANZATECH NEW ZEALAND LIMITED 3,015,665
LAPORTE, BRANDON 3,015,172
LARA, JUVEN 3,015,163
LAUFER, RALPH 3,015,512
LAWLESS, JOHN C. 3,015,136
LAWRENCE, JOSEPH C. 3,015,499
LAWSON, JON P. 3,015,526
LE HIR DE FALLOIS, LOIS PATRICK 3,015,357
LE, TIEN CANH 3,015,400
LE, TIEN CANH 3,015,405
LEADER, DEAN 3,015,511
LEBARON, MATT 3,015,152
LECAULT, VERONIQUE 3,015,237
LECCI, CRISTINA 3,015,482
LECOURTIER, NATHALIE 3,014,987
LEE, DONG YOUNG 3,015,598
LEE, DONG YOUNG 3,015,599
LEE, DONG YOUNG 3,015,602
LEE, DONG YOUNG 3,015,603
LEE, DOUGLAS BERTRAM 3,015,658
LEE, JOSEPH MIN-HSIUN 3,015,148
LEE, STEVEN 3,015,162
LEE, STEVEN 3,015,293
LEE, YOUNG MI 3,015,203
LEIGHTON, SAM 3,015,022
LEMBERGER, ELLIOTT 3,015,480
LEMIEUX, RENE 3,015,443
LEMUS-YEGRES, LIVED J. 3,015,144
LEONG, STAN 3,015,553
LEPO, ANNELI 3,015,597
LEUNG, TSZ LING CHRISTINA 3,015,152
LEVAC, DANIELLE 3,008,937
LEVATION PHARMA LTD. 3,012,660
LEVEL 3 COMMUNICATIONS, LLC 3,015,486
LEVEL 3 COMMUNICATIONS, LLC 3,015,499
LEVEL 3 COMMUNICATIONS, LLC 3,015,628
LEVIGOUREUX, SOPHIE 3,014,987
LEVY, YARON 3,015,638
LI, BOYONG 3,015,607
LI, CHANGWEI 3,015,421
LI, JIAN 3,015,012
LI, JUNYI 3,015,533
LI, LIANGHONG 3,014,996
LI, WENJUN 3,013,412
LIANG, GUIBAI 3,015,012
LIM, CHAN YANG 3,015,598
LIM, CHAN YANG 3,015,599
LIM, CHAN YANG 3,015,602
LIM, CHAN YANG 3,015,603
LIN, CHEN 3,013,412
LIN, VIRGINIA QI 3,015,373
LINDSTROM, JOHAN 3,015,005
LINDSTROM, JOHAN 3,015,045
LISAINGO, KATHLEEN 3,015,237
LITVACK, FRANK 3,012,660
LIU, CHENGGANG 3,015,338
LIU, CHUN YU 3,014,757
LIU, HONG 3,015,487
LIU, HONGDE 3,015,421
LIU, JUN 3,013,619
LIU, SHILAN 3,015,012
LIU, TONGHUI 3,015,249
LIU, YONG 3,015,406
LIU, YONG 3,015,417
LIU, ZHIHAI 3,002,263
LIVANEC, PHILIP WAYNE 3,015,132
LIVESCU, SILVIU 3,015,621
LIVEZEY, DANIEL EDWARD 3,015,350
LIVINGSTON, DWIGHT 3,015,222
LJUBIMOV, ALEXANDER 3,015,121
LJUBIMOVA, JULIA Y. 3,015,121
LM WP PATENT HOLDING A/S 3,015,015
LM WP PATENT HOLDING A/S 3,015,108
LODHA, SACHIN PREMSUKH 3,015,447
LODHA, SACHIN PREMSUKH 3,015,450
LODHA, SACHIN PREMSUKH 3,015,454
LOMASK, JESSE MATHIAS 3,015,609
LOMASK, JESSE MATHIAS 3,015,653
LOMBARDO, DAVID W. 3,015,385
LONG, AUSTIN G. 3,015,228
LORD, CHRISTOPHER 3,015,445
LOTZ, THOMAS 3,015,291
LOWE, MARTIN ALEXANDER 3,015,271
LOWRIE, ALAN 3,015,351
LOWRY, DONNA RENA 3,015,088
LU, CHEN 3,015,649
LU, STEVEN 3,015,510
LU, XIJIA 3,015,050
LU, YUN 3,015,249
LUBISICH, JOHN 3,015,366
LUCCHINI, SIMON 3,015,351
LUFTHANSA TECHNIK AG 3,015,255
LUHMANN, NADIA 3,015,260
LUNDGREN, SCOTT 3,015,352
LUO, HAO 2,991,359
LUO, LIN 3,015,623
LUO, TAO 3,015,078
LUO, TAO 3,015,374
LUO, YANG 3,015,611
LUTZ, CHRISTIAN 3,015,138
LY, HUNG 3,015,374
M-FLOW TECHNOLOGIES LIMITED 3,014,955
MA CUISINE ORIGINALE LTD 3,015,297
MA, FANFAN 3,002,263
MA, MINGZE 3,015,413
MA, WEIGUO 3,015,413
MAAIJEN, KARIN 3,013,690
MACCOSS, MALCOLM 3,015,271
MACIAS, CHAD 3,015,467
MACKEY, DUSTIN L. 3,015,631
MADDOCKS, OLIVER 3,015,455
MADIGAN, REGINA 3,015,235
MAGIC LEAP, INC. 3,015,077
MAGIC LEAP, INC. 3,015,210
MAGIC LEAP, INC. 3,015,643
MAGIC LEAP, INC. 3,015,658
MAGNAUDEIX, DOMINIQUE MICHEL SERGE 3,015,217
MAHESHWARI, SHAILESH 3,015,370
MAHLER, MARKUS 3,015,592
MAHON, MAURA 3,015,163
MAI, TIM-FELIX 3,015,116
MAIER, JAN 3,015,027
MAIER, KONRAD 3,015,580
MAITRO, GUILLAUME 3,015,585
MALDONADO SAAVEDRA, MIGUEL ANDRES 3,015,574
MALEK, ANDRZEJ M. 3,015,623
MALISIEWICZ, TOMASZ J. 3,015,658
MAM HOLDINGS OF WEST FLORIDA, L.L.C. 3,015,670
MAMAI, AHMED 3,015,406
MAMAI, AHMED 3,015,417
MANBO, AKIHIRO 3,015,193
MANDELBOIM, OFER 3,015,619

MANTLE, MICHAEL DAVID 3,015,233
MANUFACTURING RESOURCES INTERNATIONAL, INC. 3,015,365
MANUFACTURING RESOURCES INTERNATIONAL, INC. 3,015,367
MANZI, AARON 3,015,172
MAREL MEAT PROCESSING B.V. 3,015,429
MARELLA, CHENCHAIAH 3,013,563
MARGIOTT, PAUL 3,015,617
MARIATHASAN, SANJEEV 3,015,528
MARIOTT, WESLEY R. 3,015,676
MARMON RETAIL STORE EQUIPMENT LLC 3,015,501
MARQUEZ, SALVADOR 3,015,373
MARS, INCORPORATED 3,014,060
MARTINEZ, ALAIN 3,015,112
MARTINSSON, JESSICA 3,015,005
MARTINSSON, JESSICA 3,015,045
MASHIWAL, KALYANI 3,015,447
MASLAK, JOELLE T. 3,015,486
MASON, MICHAEL 3,015,019
MASON, TIMOTHY 3,015,110
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 3,015,363
MATHON, RICHARD 3,015,217
MATRIPHARM INTERNATIONAL INC. 3,015,400
MATRIPHARM INTERNATIONAL INC. 3,015,405
MATSUFUJI, KAZUO 3,006,179
MATSUMAE, TAROU 3,015,160
MATTHYS, BRUNO JEAN-PIERRE 3,015,518
MATURA, MICHAEL 3,015,260
MAWJI, ASHIF 3,014,995
MAX-DELBRUCK-CENTRUM FUR MOLEKULARE MEDIZIN IN DER HELMHOLTZ-GEMEINSCHAFT 3,015,139
MAY, DEREK M. 3,015,073
MAYHEW STEEL PRODUCTS 3,015,136
MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH 3,015,296
MAZO, GRIGORY 3,014,986
MAZO, JACOB 3,014,986
MCBRIDE, GENE E. 3,015,356
MCCUAIG, RONALD 3,015,205
MCDILL, JAMES 3,015,310
MCDONALD, STEPHEN 3,015,445
MCHALE, BRIAN GERARD 3,015,248
MCKAY, IAN S. 3,015,515
MCNALLY, EUGENE J. 3,015,626
MCNEIL, RAESHON LAMONT 3,015,088
MCVEY, RAY 3,015,478
MCWETHY, KYLE 3,015,525
MECK, KLAUS-DIETER 3,015,495
MEDELA HOLDING AG 3,015,141
MEDSHINE DISCOVERY INC. 3,015,012
MEGGITT AEROSPACE LIMITED 3,015,118
MEKKAOUI, LEILA 3,015,221
MELLON MEDICAL B.V. 3,015,506
MEMED DIAGNOSTICS LTD. 3,015,043
MEMED DIAGNOSTICS LTD. 3,015,046
MEMORIAL SLOAN KETTERING CANCER CENTER 3,015,650
MENG, CHARLES Q. 3,015,357
MENG, ZHAOSHENG 3,002,263
MENICONI, MIRCO 3,015,482
MERANTE, FRANCESCO 3,015,225
MERCIER, MICHAEL WILLIAM 3,015,501
MERCK SHARP & DOHME CORP. 3,015,309
MERGHOUB, TAHA 3,015,650
MERIAL, INC. 3,015,357
MERUELO, DANIEL 3,015,530
METABOLIC TECHNOLOGIES, INC. 3,011,981
METZGER, LLOYD 3,013,563
MEULEBROECK, WENDY 3,015,575
MEULEBROECK, WENDY 3,015,576
MEYER INTELLECTUAL PROPERTIES LIMITED 3,015,304
MEYER, FLORIAN 3,015,018
MEYER, THOMAS E. 3,015,529
MICHALAKIS, STYLIANOS 3,015,128
MICHIELS, PIERRE 3,015,274
MIEGEL, ANDREA 3,015,247
MILLER, CHRIS 3,015,680
MILLER, MICHAEL WAYNE 3,015,309
MILLIGAN, JOHN 3,015,285
MILLINGTON, NICHOLAS A.J. 3,015,496
MILLS, JOHN 3,015,296
MILNES, THOMAS B. 3,015,515
MINN, II 3,013,619
MITIN, NATALIA 3,015,509
MITRA, ASHIM K. 3,015,626
MITRA, DEBKISHORE 3,015,368
MITRA, DEBKISHORE 3,015,376
MITRA, DEBKISHORE 3,015,377
MITRA, DEBKISHORE 3,015,378
MITRONITE INC. 3,015,225
MITSUBISHI ELECTRIC CORPORATION 3,015,048
MITSUBISHI ELECTRIC CORPORATION 3,015,049
MITSUNAGA, SEIJI 3,015,169
MITSUNAGA, SEIJI 3,015,441
MIYAZAKI, ISAO 3,015,484
MIYOSHI, KATSUHIRO 3,015,061
MIYOSHI, KATSUHIRO 3,015,062
MIYOSHI, KAZAYOSHI 3,015,620
MIZUSAKI TOMOTERU 3,015,327
MJALLI, ADNAN M.M. 3,015,483
MODAWELL, RICHARD A. 3,015,522
MODESTINE, JOHN 3,015,480
MOEN INCORPORATED 3,015,648
MOGG, TREVOR J. 3,015,322
MOHLMAN, BRIAN K. 3,015,385
MOHS, ANGELA 3,005,251
MOJZITA, DOMINIK 3,015,440
MOLONEY, JEREMY 3,015,637
MONCK, NAT 3,015,482
MONCLIN, JEAN-PIERRE 3,015,090
MONROS, SERGE V. 3,015,613
MONTAG, JURITH 3,015,456
MONTANI, RINALDO 3,015,263
MONTES DE OCA, HORACIO 3,015,481
MONTOJO, JUAN 3,015,382
MOORE, HEYWARD ALEXANDER 3,015,088
MORENO, CARLOS ALBERTO 3,014,985
MORETTI, EMMANUELLE 3,015,245
MORLIDGE, GEORGE 3,015,351
MORRIS, IAN 3,015,029
MORRIS, STEVEN 3,015,182
MORRISON, GREGORY 3,015,366
MORRISON, HENRY 3,015,526
MORRISON, MICHAEL 3,015,366
MORRISON, TIMOTHY D. 3,015,631
MOSHASHAEE, SAEED 3,015,358
MOSIER, PATRICK E. 3,015,620
MOSTELLER, BARRY 3,015,381
MOTLAGH, SEAN 3,015,032
MOTOHASHI, TETSUYA 3,015,061
MOTOHASHI, TETSUYA 3,015,062
MOTOR COACH INDUSTRIES LIMITED 3,015,168
MOTOR COACH INDUSTRIES, INC. 3,015,168
MOUAT, AIDAN 3,015,174
MOUNT, NATALIE 3,015,293
MUHLLEITNER, HEINZ 3,015,000
MUKHERJEE, AMITAV 3,015,186
MUKKAVILLI, KRISHNA KIRAN 3,015,078
MULLER, CHRISTOPH 3,015,138
MULLER, ELSA 3,015,245
MUNCHKIN, INC. 3,015,677
MUNCHKIN, INC. 3,015,679
MURAKAMI, AKIRA 3,015,054
MURASE, TAKEFUMI 3,015,193
MURESAN, MATTHEW 3,015,075
MURRAY, DAVID L. 3,015,296
MUSKATELLO, JAMES 3,015,157
MUTHER, MARCEL 3,015,141
MYERS, FRANK B. III 3,015,378
MYERS, FRANK B., III 3,015,368
MYERS, FRANK B., III 3,015,376
MYERS, FRANK B., III 3,015,377
MYGRAIN SOLUTIONS PTY LTD 3,014,994
MYLAN INC. 3,015,607
N.E. CHEMCAT CORPORATION 3,015,327
NABESHIMA, HIROSHI 3,015,331
NABI, ZEENAT 3,009,144
NABI, ZEENAT 3,015,452
NAGAMORI KIYOTAKA 3,015,327
NAGARAJU, SHILPA 3,015,665
NAITO, HIROHISA 3,015,596
NAKAGAWA, MAI 3,015,610
NAKAMURA YOKO 3,015,327
NAKAMURA, HIDENORI 3,006,179

NANJING CHUANGHUA SAFETY TECHNOLOGY CO., LTD. 3,015,413
NANOTECH ENERGY, INC. 3,015,503
NARAHARA, YUTAKA 3,015,057
NARAYANAVARI, SUNEEL 3,015,139
NARGUND, RAVI 3,015,309
NATARAJAN, CHANDRASHEKAR 3,015,248
NATARAJAN, VIJAYARANGAN 3,015,316
NATARAJAN, VIJAYARANGAN 3,015,318
NATARAJAN, VIJAYARANGAN 3,015,450
NATHE, NIKLAS MAXIMILIAN 3,014,997
NATIONAL OILWELL VARCO, L.P. 3,015,196
NATORI, KAZUE 3,015,315
NAVARRO, IKER 3,015,432
NAVON, ROY 3,015,043
NAVON, ROY 3,015,046
NCHAIN HOLDINGS LIMITED 3,015,569
NEEVEL, JASON 3,015,301
NEIGHBOR, KRISTOPHER MARK 3,015,656
NELSON STUD WELDING, INC. 3,015,361
NELSON, JOEL B. 3,015,285
NERUDIA LTD 3,015,445
NESTEC S.A. 3,015,028
NESTEC S.A. 3,015,434
NESTEC S.A. 3,015,594
NEW YORK UNIVERSITY 3,015,530
NICHOL, JAMIE GORDON 3,013,931
NICHOLSON, CHARLES BRENDAN 3,015,510
NICKERSON, JAMES GARY 3,015,322
NICOGEN LTD. 3,015,306
NIELSEN, LARS 3,015,015
NIELSEN, RASMUS MUNKSGARD 3,015,144
NIKIFOROV, GRIGORY B. 3,015,322
NIPPON KAYAKU KABUSHIKI KAISHA 3,015,459
NIPPON SHINYAKU CO., LTD. 3,015,464
NIPPON STEEL & SUMITOMO METAL CORPORATION 3,015,307
NISHIMORI, HIKARU 3,015,331
NISSAN MOTOR CO., LTD. 3,015,058
NISSHIN STEEL CO., LTD. 3,015,169
NISSHIN STEEL CO., LTD. 3,015,441
NODA, YASUNORI 3,015,048
NOLL, CHARLES 3,015,163
NOORIK BIOPHARMACEUTICALS AG 3,015,432
NORDLING, NILS 3,015,024
NORDSKOG, BRIAN KEITH 3,015,463
NOSITSCHKA, WOLFGANG ANDREAS 3,015,133
NOUL CO., LTD. 3,015,598
NOUL CO., LTD. 3,015,599
NOUL CO., LTD. 3,015,602
NOUL CO., LTD. 3,015,603
NOVAK, THOMAS J. 3,014,413
NOVARTIS AG 3,015,612
NR ELECTRIC CO., LTD 3,015,421
NR ENGINEERING CO., LTD 3,015,421
NUGENT, BRIAN 3,015,075
NUGENT, BRIAN 3,015,202
NUTRASOURCE DIAGNOSTICS INC. 3,014,996
NUTRI-FOIN SYSTEME INC. 3,008,937
NUWIEL GMBH 3,015,011
NYSTROM, PER R. 3,015,507
NZEADIBE, KINGSLEY IHUEZE 3,015,229
OBERKIRCHER, BRENDAN J. 3,015,529
OBUCHI, YUTAKA 3,015,331
OCEANSIDE BIOTECHNOLOGY 3,015,490
OCHAB, DAVID C. 3,015,137
OCTOGRIP, LLC 3,015,088
OGUREK, JUERGEN 3,015,294
OKAMAWARI, TAKAO 3,015,317
OKU, YOUSUKE 3,015,307
OLCER, SELIM 3,015,079
OLIVER, JAMES SIMON 3,015,379
OLOVSSON, MAGNUS 3,015,024
OLSCHANSKY, CRAIG A. 3,015,016
OLSCHNOEGGER, ERICA 3,015,270
OMNI BIOCEUTICAL INNOVATIONS, INC. 3,015,458
ONCODESIGN SA 3,015,430
ONXEO 3,015,241
OOKA, AKIRA 3,015,311
OPEN WATER POWER, INC. 3,015,515
OPTOVUE, INC. 3,014,998
OQUENDO, SAMMY H. 3,015,477
ORAM, THOMAS K. 3,015,522
ORBACH, ARIC 3,015,512
ORBAY, JORGE L. 3,015,279
ORBIT BIOMEDICAL LIMITED 3,015,529
ORCHID PHARMA LTD. 3,015,309
ORTIZ, DAVID 3,015,212
OSBORN, SHAWN J. 3,015,390
OSMOSE UTILITIES SERVICES, INC. 3,015,656
OSP MICROCHECK INC. 3,015,553
OSTERTAG, ERIC 3,015,642
OTA, FUMIO 3,015,307
OTSUKA PHARMACEUTICAL CO., LTD. 3,015,331
OUTPLAY INC. 3,015,467
OVED, KFIR 3,015,043
OVED, KFIR 3,015,046
OVERGAARD, STEVEN 3,014,996
OXYDATOR IVS 3,014,363
OZSOY, BURAK 3,015,079
PADDEN, IAN 3,015,140
PADLOCK THERAPEUTICS, INC. 3,015,482
PADMANABHAN, KISHORE 3,015,316
PADMANABHAN, KISHORE 3,015,318
PADMANABHAN, KISHORE 3,015,447
PADMANABHAN, KISHORE 3,015,450
PADMANABHAN, KISHORE 3,015,454
PAETOW, MARIO 3,015,270
PALFREY, JORDAN 3,015,482
PAMPENO, CHRISTINE 3,015,530
PAN, LONG 3,015,452
PANDA, SANTOSH K. 3,015,494
PAPADOPOULOS, KOSTAS 3,015,482
PAPER, THIERRY 3,015,438
PARAMESWARAN, VENKATESAN 3,015,309
PARK, SEUNG WON 3,015,203
PARK, SUNG K. 3,013,931
PARKER, ALAN DAVID 3,014,955
PARKIN, LUKE 3,015,153
PARMAR, AMRAT 3,015,495
PARTNERSHIP FOR CLEAN COMPETITION 3,015,627
PASKO, CHRISTOPHER PAUL 3,015,475
PATEL, NANDINI CHATURBHAI 3,015,166
PATEL, RAHUL 3,015,452
PATEL, RITU 3,005,251
PATER, EDUARD 3,015,183
PAUL-SATYASEELA, MANEESH 3,015,309
PAULIN, ROBERT 3,015,543
PAWLOWSKI, DANIEL F. 3,015,608
PAYNE, MICHAEL LAWERANCE 3,015,542
PDS BIOTECHNOLOGY CORPORATION 3,005,251
PEARSON, RYAN 3,015,074
PEDERSEN, ERIC 3,015,560
PEDERSEN, THOMAS BRORSEN 3,014,363
PEDMO, MARC 3,015,469
PELLETIER, JOHN-PAUL 3,015,168
PENG, SIGAN 3,015,567
PEREIRA CALDEIRA, MICHAEL NELSON 3,015,230
PEREIRA CALDEIRA, MICHAEL NELSON 3,015,264
PEREIRA, BRUNO R. 3,015,675
PEREZ, JUAN CARLOS 3,015,088
PERIASAMY, HARIHARAN 3,015,309
PERKINS, GREG JOHN 3,015,502
PETERS, JAN OKE 3,015,255
PETERSON, MARK 3,015,379
PETERSON, MARK 3,015,380
PETERSON, PETER 3,014,413
PETERSON, TREVOR DEAN 3,015,339
PETERSON, TREVOR DEAN 3,015,362
PEURANEN, HELENA 3,015,597
PFIZER INC. 3,015,166
PHAM, NHAN VIET 3,015,254
PHILIP MORRIS PRODUCTS S.A. 3,014,990
PHILIPS, DAVID 3,015,606
PHYTOPONICS LIMITED 3,015,153
PIANA, CHIARA 3,015,420
PIECH, GREGOR ANTON 3,015,422
PIKE, ROBERT 3,015,632
PILARSKI, THOMAS 3,015,338
PINGER, THOMAS 3,015,539

PINGER, THOMAS	3,015,540
PINKSTAFF, JASON K.	3,015,358
PLAGGE, MARK	3,015,491
PLAGGE, MARK	3,015,496
PLAKABETON NV	3,015,274
PLASSER & THEURER EXPORT VON BAHNBAUMASCHINEN GESELLSCHAFT M.B.H.	3,015,000
PLASSER & THEURER EXPORT VON BAHNBAUMASCHINEN GESELLSCHAFT M.B.H.	3,015,006
PLASTIPAK PACKAGING, INC.	3,015,469
PO, LI CHIAO	3,015,478
PODA, GENNADY	3,015,406
PODA, GENNADY	3,015,417
POLISETTI, DHARMA RAO	3,015,483
POLITECNICO DI TORINO	3,015,040
POLYTEX SPORTBELAGE PRODUKTIONS-GMBH	3,015,175
POMPER, MARTIN G.	3,013,619
PORTER, DAVID H.	3,015,515
POSEIDA THERAPEUTICS, INC.	3,015,642
POTTER, WILLIAM JOHN	3,015,655
POWER, WILLIAM R.	3,015,499
POWERCAN HOLDING, LLC	3,015,350
PRAKESCH, MICHAEL	3,015,406
PRANGE, MATHIEU JEAN RAYMOND	3,014,987
PRAXAIR TECHONOLOGY, INC.	3,015,611
PRESLAR, ADAM TRUETT	3,015,174
PRESS, OLIVER	3,015,369
PRICE, DANIEL W.	3,015,529
PRIVO TECHNOLOGIES, INC.	3,015,172
PROFOL KUNSTSTOFFE GMBH	3,015,580
PROPELLON THERAPEUTICS INC.	3,015,406
PROPELLON THERAPEUTICS INC.	3,015,417
PROSKIDA INC.	3,014,959
PROSSER, NEIL M.	3,015,611
PROVECS MEDICAL GMBH	3,015,247
PULE, MARTIN	3,015,221
PULSE HEALTH LLC	3,015,163
PUSZKIEWICZ, IGNACY	3,015,385
PYLKKANEN, VESA	3,015,090
QIU, ZHIWEI	3,002,263
QU, BOLEI	3,015,098
QUAKE, STEPHEN R.	3,015,353
QUALCOMM INCORPORATED	3,015,078
QUALCOMM INCORPORATED	3,015,156
QUALCOMM INCORPORATED	3,015,251
QUALCOMM INCORPORATED	3,015,370
QUALCOMM INCORPORATED	3,015,374
QUALCOMM INCORPORATED	3,015,382
QUALCOMM INCORPORATED	3,015,474
QUALCOMM INCORPORATED	3,015,533
QUARANTA, LAURA	3,015,449
R. J. REYNOLDS TOBACCO COMPANY	3,015,463
RABBIOSI, SANDRO	3,015,011
RABIDEAU, JENNA SUE	3,015,649
RABINOVICH, ANDREW	3,015,658
RAHM, FREDRIK	3,015,005
RAHM, FREDRIK	3,015,045
RAILSPLITTER FEED TECHNOLOGY, INC.	3,015,346
RAJENDRAN, SRIVIGNESH	3,015,658
RAMSKILL, NICHOLAS PHILIP	3,015,233
RANA, SANTU	3,015,025
RANJAN, SUYASH	3,015,370
RANTASALO, ANSSI	3,015,440
RAPTA, MIROSLAV	3,015,505
RASUMOV, NIKON	3,015,146
RATHMACHER, JOHN	3,011,981
RATSCHINSKI, ARNO	3,015,587
RAUCH LANDMASCHINENFABRIK GMBH	3,015,259
RAYTHEON COMPANY	3,015,478
RECAMAN GONZALEZ, SANTIAGO	3,015,283
REDWOOD PLASTICS AND RUBBER CORP.	3,015,414
REGENERON PHARMACEUTICALS, INC.	3,015,371
REGENERON PHARMACEUTICALS, INC.	3,015,389
REHFUSS, EVGENI	3,015,103
REJUVETECH LTD	3,015,461
REMY, OLIVIER	3,015,274
RENGART, EMELIE	3,015,065
RESEARCH FOUNDATION OF THE CITY UNIVERSITY OF NEW YORK	3,015,314
RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL	3,015,633
RETSINA, THEODORA	3,015,090
REYNOLDS, THOMAS DANIEL	3,015,607
REZNIK, ALLA	3,015,216
RHEINENERGIE AG	3,014,018
RHODIA OPERATIONS	3,015,487
RICHARDS, SIMON	3,015,588
RICHARDSON, ALBERT S., JR. (DECEASED)	2,976,240
RICHARDSON, BRUCE	3,015,376
RIDYARD, DAVID	3,015,668
RIESOP, JORG	3,015,541
RIGON, MATTEO	3,015,493
RIGSBY, BRUCE	3,015,310
RIRIE, KIRK MAX	3,015,475
RISCHEN, CHRISTIAN	3,015,039
ROBBINS, KYLE	3,015,452
ROBIC, CAROLINE	3,015,430
ROCHLING, ANDREAS	3,015,587
ROEHL, CHRISTOPHER	3,015,157
ROESSLER, DENNIS	3,015,333
ROHLF, EVAN VINCENT	3,015,348
ROOL, PATRICE	3,015,021
ROQUETTE FRERES	3,015,245
ROSE, MARTIN	3,015,152
ROSE, SCOTT	3,015,579
ROSEN, TOMAS WILHEIM	3,015,301
ROSENBERG, GILAD	3,015,034
ROSENBERG, OFER	3,015,370
ROSENBERG, SETH GARRETT STEINBERG	3,015,198
ROSENTHAL, JORG	3,015,039
ROSS, HELEN	3,015,536
ROSS, HELEN	3,015,537
ROSS, NICHOLAS	3,015,632
ROSS, WILLIAM PAYNE	3,015,338
ROTH, TODD	3,015,351
ROTHAAR, BRUCE	3,015,110
ROUP, HERMAN	3,015,147
ROYAL BANK OF CANADA	3,015,394
RUDICK, ARTHUR, G.	3,015,615
RUMER, SIMON	3,015,029
RUSS, HERMANN KURT	3,015,512
RUSSO, JOSEPH	3,015,018
RUTHERFORD, STEVEN	3,015,090
RYAN, NEAL	3,015,487
RYAN, SHAWN	3,015,022
RYONA, IMELDA	3,015,627
SABOURIN, KYLE	3,015,526
SADIQ, BILAL	3,015,078
SADIQ, BILAL	3,015,533
SAFRAN AIRCRAFT ENGINES	3,015,217
SAFRAN ELECTRONICS & DEFENSE	3,015,112
SAID, AMIR	3,015,156
SAINATO, MIKE	3,015,469
SAINT-GOBAIN GLASS FRANCE	3,015,133
SAINT-GOBAIN GLASS FRANCE	3,015,171
SAINT-GOBAIN GLASS FRANCE	3,015,294
SAINT-GOBAIN PLACO	3,015,033
SAINT-GOBAIN PLACO	3,015,035
SAINT-GOBAIN PLACO	3,015,036
SAINT-GOBAIN PLACO	3,015,038
SAKAI, AKIRA	3,015,049
SAKO, DIANNE	3,015,277
SAMMUT, ALEXANDER	3,015,620
SAMPATH, ASHWIN	3,015,078
SAMPATH, ASHWIN	3,015,533
SAMS, GARY W.	3,015,148
SAMUEL, TINU MARY	3,015,028
SAMUEL, TINU MARY	3,015,434
SAMUEL, TINU MARY	3,015,594
SANDER, DIRK	3,015,175
SANDERS, CHRISTOPHER J.	3,014,729
SANDHOLZER, MARTINA	3,015,681
SANGUINETTI, JAVIER A.	3,015,373
SANO, MASAMI	3,015,678
SANVEAN TECHNOLOGIES LLC	3,015,355
SARANCHOVA, IRYNA YURIYIVNA	3,015,392
SAS INSTITUTE INC.	3,015,521

SATO, KAZUYUKI 3,015,058
SATTLER, CHRISTIAN 3,015,145
SAUDI ARABIAN OIL COMPANY 3,015,292
SAVANAH, STEPHANE 3,015,569
SAWADA, SHINJIRO 3,015,610
SAXENA, SANDEEP 3,015,316
SAXENA, SANDEEP 3,015,318
SCALA, DIANA 3,015,452
SCHAAKE, HENRIK 3,015,009
SCHENK, MANFRED 3,015,325
SCHEUERMANN, TORSTEN 3,014,997
SCHINAZI, ROBERT G. 3,015,340
SCHLUSSELBAUER, ULRICH 3,015,013
SCHMALBUCH, KLAUS 3,015,171
SCHMITZ, DIRK 3,015,175
SCHNEIDER, NORA 3,015,028
SCHNEIDER, NORA 3,015,434
SCHNEIDER, NORA 3,015,594
SCHNIEDERS, FRANK 3,015,247
SCHOENEBOOM, JAN 3,015,018
SCHON, JOACHIM 3,015,255
SCHROEDER, AVI 3,015,639
SCHROEDER, SUSAN J. 3,015,667
SCHULZ, VALENTIN 3,015,133
SCIABOLA, SIMONE 3,015,166
SCOTT, KENNETH 3,015,445
SCOTT, MARK E. 3,015,526
SCOTT, RICHARD ERNEST, JR. 3,015,677
SECURITYSCORECARD, INC. 3,015,146
SEDERMAN, ANDREW JOHN 3,015,233
SEELIGER, MATTHIAS 3,015,128
SEKI YASUTORO 3,015,327
SEKIGUCHI, SHOTA 3,015,610
SELLERS, BRENT H. 3,015,481
SEMPERE BELDA, LUIS 3,015,130
SENSTRONIC (SOCIETE PAR ACTIONS SIMPLIFIEE) 3,015,291
SEO, JUNG 3,015,452
SERDAR, DAVID J. 3,015,372
SEREGIN, VADIM 3,015,156
SETZER, FRIEDEMANN 3,015,270
SHANDONG UNIVERSITY OF SCIENCE AND TECHNOLOGY 3,002,263
SHANG, LI 3,015,413
SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD. 3,015,098
SHANGHAI TOBACCO GROUP CO., LTD. 3,015,236
SHANMUGA, KRISH 3,015,487
SHAPIRO, STEPHEN 3,015,393
SHARMA, TUSHAR 3,015,517
SHARMA, UTKARSH 3,014,998
SHARPE, MICHAELA 3,015,293
SHARPE, TIM 3,015,467
SHAYWITZ, ADAM 3,015,358
SHEDLOCK, DEVON 3,015,642
SHEFFER, YARON 3,015,638
SHELL INTERNATIONAL RESEARCH MAATSCHAPPIJ B.V. 3,015,233
SHELTERIT, LLC 3,015,645
SHEN, YI 3,015,236
SHERMAN, FAIZ FEISAL 3,015,492
SHERMAN, MICHAEL, MILTON 3,015,123
SHIMAMURA, TADASHI 3,015,484
SHIMIZU, YOJU 3,015,324
SHIN, YOUNG MIN 3,015,598
SHIN, YOUNG MIN 3,015,603
SHIOBARA, SHOTA 3,015,317
SHOOK, DONALD P. 3,015,680
SHUKLA, MANISH 3,015,454
SHUMAN, STEWART 3,015,650
SHUMWAY, ALAN DIXON 3,015,502
SHUMWAY, SPENCER B. 3,015,243
SHUMWAY, WILLIAM WALTER 3,015,132
SICK, STEPHAN 3,015,175
SIEMENS AKTIENGESELLSCHAFT 3,015,116
SIEMONS, ALEXANDER H. 3,015,373
SIERANSKI, GREGORY 3,015,527
SILLE, RICHARD 3,015,116
SILTBUSTER LIMITED 3,015,538
SILVA ZOLEZZI, IRMA 3,015,028
SILVA ZOLEZZI, IRMA 3,015,434
SILVA ZOLEZZI, IRMA 3,015,594
SIMEONE, MICHAEL 3,015,505
SIMINOFF, JAMES 3,015,480
SIMMONS, MICHAEL 3,015,310
SIMON, EINAV 3,015,043
SIMON, EINAV 3,015,046
SIMON, WERNER 3,015,138
SINGH, SHEO 3,015,309
SINGH, SHWETA 3,005,251
SIOMYK, HALYNA 3,009,144
SIREN, MATTI J. 3,015,007
SKELETAL DYNAMICS, LLC 3,015,279
SKIDMORE, ROGER RAY 3,015,164
SKJAERSETH, ODD B. 3,015,010
SKODA, ERIN M. 3,015,285
SLOAN, DEREK D. 3,015,353
SLOAN, SUSAN 3,015,347
SMEESTERS, LIEN 3,015,575
SMEESTERS, LIEN 3,015,576
SMETS, JOHAN 3,015,518
SMITH, ALASTAIR 3,014,959
SMITH, CHRISTOPHER FRANCIS 3,015,521
SMITHS MEDICAL ASD, INC. 3,015,157
SMOOT, CARISSA 3,015,510
SNOW, ALAN D. 3,015,127
SOCHER, MARIA 3,015,143
SOFTBANK CORP. 3,015,317
SOFTBANK ROBOTICS EUROPE 3,015,586
SOLIMAN, NADIA 3,015,452
SOMMER, JEREMY SINCLAIR 3,015,059
SOMMERLATT, DARRELL 3,015,480
SONOS, INC. 3,015,491
SONOS, INC. 3,015,496
SONY CORPORATION 3,015,063
SONY CORPORATION 3,015,064
SOONG, ALAN 3,015,404
SORBONNE UNIVERSITE 3,015,030
SOUTH DAKOTA STATE UNIVERSITY 3,013,563
SPENCER, JEFFREY 3,015,018
SPINAL ELEMENTS, INC. 3,015,212
SPOONER-FLEMING, JOIA KIRIN 3,015,379
SPOONER-FLEMING, JOIA KIRIN 3,015,380
SPRINT BIOSCIENCE AB 3,015,005
SPRINT BIOSCIENCE AB 3,015,045
SPROGOE, KENNETT 3,015,585
SRINIVASAN, CHIDAMBARAM VENKATESWARAN 3,015,309
ST. HILAIRE, PIERRE 3,015,210
STABERG, JOAKIM 3,015,601
STALDER, RYAN 3,015,527
STANFORD, DONALD L. 3,015,522
STANFORD, GREG 3,015,531
STECK, KELLY 3,015,207
STEENBERG, RYAN 3,015,625
STEINER, MATTHEW 3,015,198
STEINFELD, UTE 3,015,592
STEINMETZ, BERNHARD 3,015,260
STEPHENS, ALISON FIONA 3,015,379
STEPHENS, ALISON FIONA 3,015,380
STEPHENS, PHILIP J. 3,015,528
STEVERMER, CHRISTOPHER PATRICK 3,015,354
STEWART, DOUGLAS 3,014,060
STEYN, WYNAND JACOBUS VAN DER MERWE 3,015,320
STILES, JOHN 3,015,606
STILLE, JULIA KATHLEEN 3,015,406
STOCKLIN, VOLKER 3,015,259
STOCKTON, TOM 3,015,140
STRANDBERG, PETER 3,014,984
STRINGER, BRADLEY J. 3,015,243
STROHMAIER, KARL G. 3,015,142
STUEVE, GERALD J. 3,015,600
STYER, JEREMY 3,015,342
SUBRAMANIAN, PANDIARAJU 3,015,406
SUBRAMANIAN, PANDIARAJU 3,015,417
SUBRAMANIAN, SUNDAR 3,015,078
SUBRAMANIAN, SUNDAR 3,015,533
SUDLOW, TOM 3,015,445
SUETSUGU, HIROTOSHI 3,006,179
SUGAR BEETS, LLC 3,015,053
SUGINO, MASAAKI 3,015,307
SUGIURA, JUNICHI 3,015,355
SUKHAR, ILYA 3,015,198
SULVARIS INC. 3,015,560
SUMITOMO CHEMICAL COMPANY, LIMITED 3,015,194
SUMITOMO CHEMICAL COMPANY, LIMITED 3,015,195
SUN PHARMA GLOBAL FZE 3,015,626
SUN, JAMES XIN 3,015,528
SUNDHOLM, TUA 3,015,681
SUNNYBROOK RESEARCH INSTITUTE 3,015,001

SUNNYBROOK RESEARCH INSTITUTE 3,015,404
SUPERDIELECTRICS LTD 3,015,282
SUPERDIELECTRICS LTD 3,015,289
SUTTI, ALESSANDRA 3,015,025
SUZHOU M-CONJ BIOTECH CO., LTD 3,013,412
SUZUKI, DAISUKE 3,015,049
SWEENEY, MATTHEW 3,015,338
SWEERS, HEINER 3,015,284
SWITZER, MARK 3,015,325
SYNGENTA PARTICIPATIONS AG 3,015,449
SYSTEM S.P.A. 3,015,462
TABATABAEE, HASSAN ALI 3,015,354
TAGHIZADEH, FARHAN 3,015,458
TAI, SERENE 3,015,285
TAIHO PHARMACEUTICAL CO., LTD. 3,015,484
TAIT, BRENDON 3,014,754
TAKAKI, EMIRI 3,015,331
TAKEDA PHARMACEUTICAL COMPANY LIMITED 3,015,545
TAKEUCHI, SATOSHI 3,015,160
TAKUBO, KEITA 3,015,285
TALON TECHNOLOGIES, INC. 3,015,147
TANAKA, AKITO 3,015,049
TANAKA, HISAKI 3,015,201
TANDY, JAMES 3,015,379
TANDY, JAMES 3,015,380
TANIMURA, YASUAKI 3,015,334
TARANATHA, MAITHRY 3,015,018
TATA CONSULTANCY SERVICES LIMITED 3,015,316
TATA CONSULTANCY SERVICES LIMITED 3,015,318
TATA CONSULTANCY SERVICES LIMITED 3,015,447
TATA CONSULTANCY SERVICES LIMITED 3,015,450
TATA CONSULTANCY SERVICES LIMITED 3,015,454
TAYLOR, JESSE WADE 3,015,023
TAYLOR, RICHARD DAVID 3,015,271
TBF GENIE TISSULAIRE (TBF) 3,015,106
TECHNION RESEARCH AND DEVELOPMENT FOUNDATION LTD. 3,015,639
TEKNOLOGIAN TUTKIMUSKESKUS VTT OY 3,015,440
TELANG, PANKAJ RAMESH 3,015,521
TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) 3,015,186
TEMPLE, WILLIAMS S. 3,014,987
TENG, YI-HSIEN HARRY 3,014,729
TENNIBOT INC. 3,015,114
TER MEULEN, JAN HENRIK 3,015,220
TERAUCHI, YUKI 3,015,331
TEVA PHARMACEUTICALS INTERNATIONAL GMBH 3,015,512
TEYMURAZYAN, ARAM 3,015,216
THALLADI, VENKAT R. 3,015,505
THE BINDING SITE GROUP LIMITED 3,015,296
THE BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA 3,015,667
THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM 3,015,517
THE BRIGHAM AND WOMEN'S HOSPITAL, INC. 3,015,345
THE CHARLES STARK DRAPER LABORATORY, INC. 3,015,075
THE CHARLES STARK DRAPER LABORATORY, INC. 3,015,202
THE COCA-COLA COMPANY 3,015,615
THE GENERAL HOSPITAL CORPORATION 3,015,616
THE GILLETTE COMPANY LLC 3,015,257
THE GILLETTE COMPANY LLC 3,015,379
THE GILLETTE COMPANY LLC 3,015,380
THE HILLIARD CORPORATION 3,015,137
THE JOHNS HOPKINS UNIVERSITY 3,013,619
THE JOHNS HOPKINS UNIVERSITY 3,015,076
THE LUBRIZOL CORPORATION 3,015,620
THE MOOVMNT LLC 3,015,364
THE PENN STATE RESEARCH FOUNDATION 3,014,757
THE PROCTER & GAMBLE COMPANY 3,015,492
THE PROCTER & GAMBLE COMPANY 3,015,518
THE SCRIPPS RESEARCH INSTITUTE 3,015,336
THE SECANT GROUP, LLC 3,015,510
THE SOUTH AFRICAN NUCLEAR ENERGY CORPORATION (SOC) LTD. 3,015,604
THE TWITCH TRAINER, LLC 3,015,625
THE UNIVERSITY OF BIRMINGHAM 3,015,150
THE UNIVERSITY OF BIRMINGHAM 3,015,162
THE UNIVERSITY OF BIRMINGHAM 3,015,293
THE UNIVERSITY OF BRITISH COLUMIBA 3,015,237
THERAVANCE BIOPHARMA R&D IP, LLC 3,015,505
THERMACELL REPELLENTS, INC. 3,015,393
THERRIEN, ROBERT 3,015,213
THIENPONT, HUGO 3,015,575
THIENPONT, HUGO 3,015,576
THIRUNAVUKKARASU, BHARANI 3,015,309
THOMAS & BETTS INTERNATIONAL LLC 3,015,209
THOMAS, DAVID ALEXANDER 3,015,461
THOMAS, DILYS 3,015,447
THOMAS, GERALD 3,015,163
THOMAS, VINCENT B. 3,014,729
THOMPSON, CHRISTOPHER ROY 3,015,230
THOMPSON, CHRISTOPHER ROY 3,015,264
THUNDER BAY REGIONAL HEALTH RESEARCH INSTITUTE 3,015,216
TIAN, GONGLU 3,015,518
TILL, BRIAN 3,015,369
TINCH, DAVID 3,015,210
TINCH, DAVID 3,015,643
TIRTOWIDJOJO, MAX 3,015,531
TOKUNAGA, KEISUKE 3,015,324
TOMESCU, IONEL JOHN 3,015,264
TOMIYAMA, NATALIA 3,015,011
TOMLINSON, WILLIAM HOLLAND 3,015,466
TOMRA SORTING N.V. 3,015,575
TOMRA SORTING N.V. 3,015,576
TONG, QIANQIAN 3,013,412
TOPF, CHRISTIAN 3,015,130
TORAY INDUSTRIES, INC. 3,015,061
TORAY INDUSTRIES, INC. 3,015,062
TORAY INDUSTRIES, INC. 3,015,315
TORAY INDUSTRIES, INC. 3,015,334
TORAY INDUSTRIES, INC. 3,015,610
TORNBLOM, OLLE 3,015,267
TORO, ANDREA 3,015,462
TOSOH CORPORATION 3,015,324
TOYO SEIKAN GROUP HOLDINGS, LTD. 3,015,453
TRACKER CONNECT (PTY) LIMITED 3,015,320
TRADEWEB MARKETS LLC 3,015,085
TREMOLET, ARNAULT 3,014,955
TREMOLS, EDWARD J. 3,015,279
TRICKER, ANDREW W. 3,014,729
TROCHON-JOSEPH, VERONIQUE 3,015,241
TROVO, ERNESTO 3,015,287
TRUDEL, CHRISTOPHER 3,014,995
TRUMAN, MARK 3,015,522
TSUJI, CHIKAHIDE 3,015,468
TSUKAGOSHI, IKUO 3,015,063
TSUKERMAN, PINCHAS 3,015,619
TURNER, LOUIS 3,015,185
TYE, HEATHER 3,015,482
TZ MEDICAL, INC. 3,015,366
UBER TECHNOLOGIES, INC. 3,015,338
UBERMORGEN INNOVATIONS GMBH 3,015,042
UCB BIOPHARMA SPRL 3,015,271
UCHIYAMA, NAOKI 3,015,618
UCL BUSINESS PLC 3,015,221
UEHLING, DAVID 3,015,406

UEHLING, DAVID 3,015,417
UEKI, TOSHIHIKO 3,015,201
ULLRICH, GEORGE 3,015,182
ULLRICH, GEORGE 3,015,185
UNGERMAN, CHARLES WARREN 3,015,287
UNITED STATES GYPSUM COMPANY 3,015,348
UNIVATION TECHNOLOGIES, LLC 3,015,676
UNIVERSIDAD DE SANTIAGO DE CHILE 3,015,574
UNIVERSITY HEALTH NETWORK 3,015,319
UNIVERSITY OF DUNDEE 3,015,159
UNIVERSITY OF PITTSBURGH-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION 3,015,285
UNIVERSITY OF RIJEKA FACULTY OF MEDICINE 3,015,619
UNSWORTH, DAVID 3,015,495
URAI, JUNICHI 3,015,334
URBANIK, THOMAS A. 3,015,532
UREY, HAKAN 3,015,079
URSAPHARM ARZNEIMITTEL GMBH 3,015,592
USG INTERIORS, LLC 3,015,344
UTKU, NALAN 3,015,427
UTSUNOMIYA, MASAMICHI 3,015,334
V-VEIL-UP-PHARMA LIMITED 3,015,595
VACCARI, ANDREA 3,015,476
VACIK, LUBOS 3,015,621
VALLOUREC OIL AND GAS FRANCE 3,015,307
VALMONT INDUSTRIES, INC. 3,015,543
VALSECCHI, MASSIMILIANO 3,015,460
VAN DEN ABBEELE, TIM 3,015,263
VAN DER AUWERA, GEERT 3,015,474
VAN DER MERWE, DIRK A. 3,015,608
VAN DER STEEN, FRANCISCUS THEODORUS HENRICUS JOHANNES 3,015,429
VAN HAPPEN, FRANK 3,015,429
VARGHESE, VIMAL 3,015,526
VARIA, KUNAL ARVIND 3,015,526
VASISHT, NIRAJ 3,015,488
VECCHI, GIUSEPPE 3,015,040
VEGA-ZAYAS, LUIS 3,015,491
VENGROFF, DARREN ERIK 3,015,304
VENKATESH, SVETHA 3,015,025
VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT 3,015,268
VERCOUILLIE, JOHNNY 3,015,430
VERDESIAN LIFE SCIENCES U.S., LLC 3,014,986
VERHOEST, PATRICK ROBERT 3,015,166
VERRINI, GILBERTO 3,015,476
VERUM TCS, LLC 3,015,243
VIAVI SOLUTIONS INC. 3,015,253
VIDHANI, KUMAR MANSUKHLAL 3,015,450
VIEGA TECHNOLOGY GMBH & CO. KG 3,015,039
VIEIRA DE JESUS, JOAO 3,015,588
VIGARU, BOGDAN 3,015,612
VIKLUND, JENNY 3,015,005
VIKLUND, JENNY 3,015,045
VINTILA, IUSTINA-MIRUNA 3,015,394
VISTERRA, INC. 3,015,347
VISWANATHAN, RAM HARITH 3,015,316
VISWANATHAN, RAM HARITH 3,015,318
VOGEL, TYSON 3,015,212
VON DEYN, WOLFGANG 3,015,131
VOUSDEN, KAREN 3,015,455
VOVOS, ROBERT J. 3,015,276
VRANCKEN PEETERS, MARK-PAUL FRANCISCUS MARIA 3,015,506
VTV THERAPEUTICS LLC 3,015,483
WACHDORF, DANIEL 3,015,352
WAGER, TRAVIS T. 3,015,166
WAGGONER, GARRETT S. 3,015,532
WAGNER, JOSEPH PAUL 3,015,080
WAHREN, MATS 3,015,020
WAKE FOREST UNIVERSITY HEALTH SCIENCES 3,015,624
WALDEISEN, JOHN ROBERT 3,015,368
WALDEISEN, JOHN ROBERT 3,015,376
WALDEISEN, JOHN ROBERT 3,015,377
WALDEISEN, JOHN ROBERT 3,015,378
WALDHAUSER, STEVEN L. 3,015,372
WALL-CLARKE, ALEX 3,014,955
WALLIS, GREGG 3,015,296
WALMART APOLLO, LLC 3,015,248
WALMART APOLLO, LLC 3,015,527
WALMART APOLLO, LLC 3,015,542
WANG, BOQIANG 3,015,211
WANG, CHENGLONG 3,002,263
WANG, CHENYANG 3,015,249
WANG, DAHAI 3,015,012
WANG, HONGWU 3,015,309
WANG, HUAN 3,015,415
WANG, JIN-GEN 3,015,628
WANG, QIAOLING 3,013,619
WANG, SHAOHUI 3,015,244
WANG, SHAONAN 3,015,420
WANG, WEIYI 3,015,650
WANG, WENDER 3,015,393
WANG, XIAOTIAN 3,015,526
WANG, YU 3,015,421
WANG, ZHOU 3,015,285
WARD, MARTIN 3,005,251
WARDA, ISABELLA 3,015,592
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